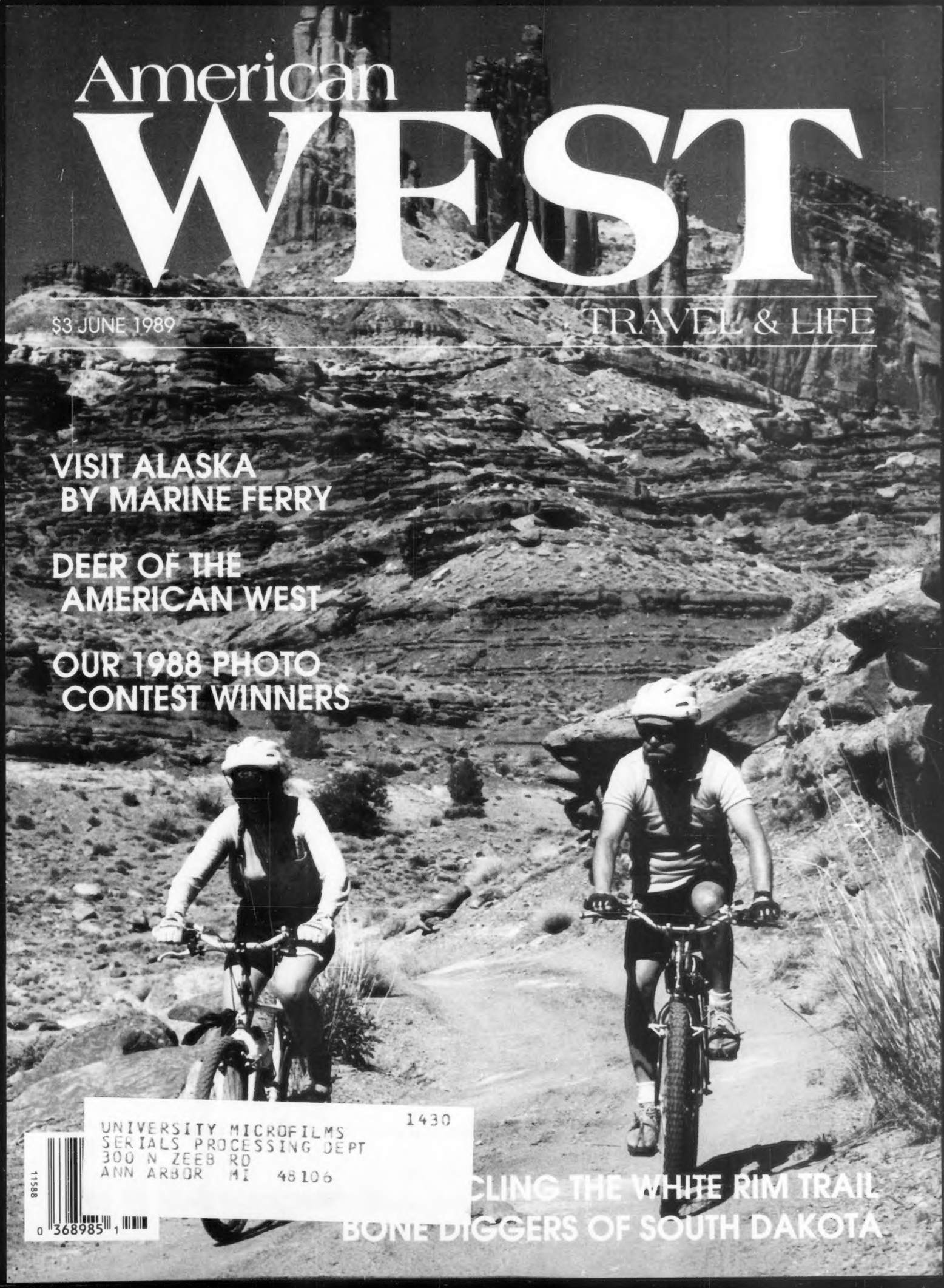

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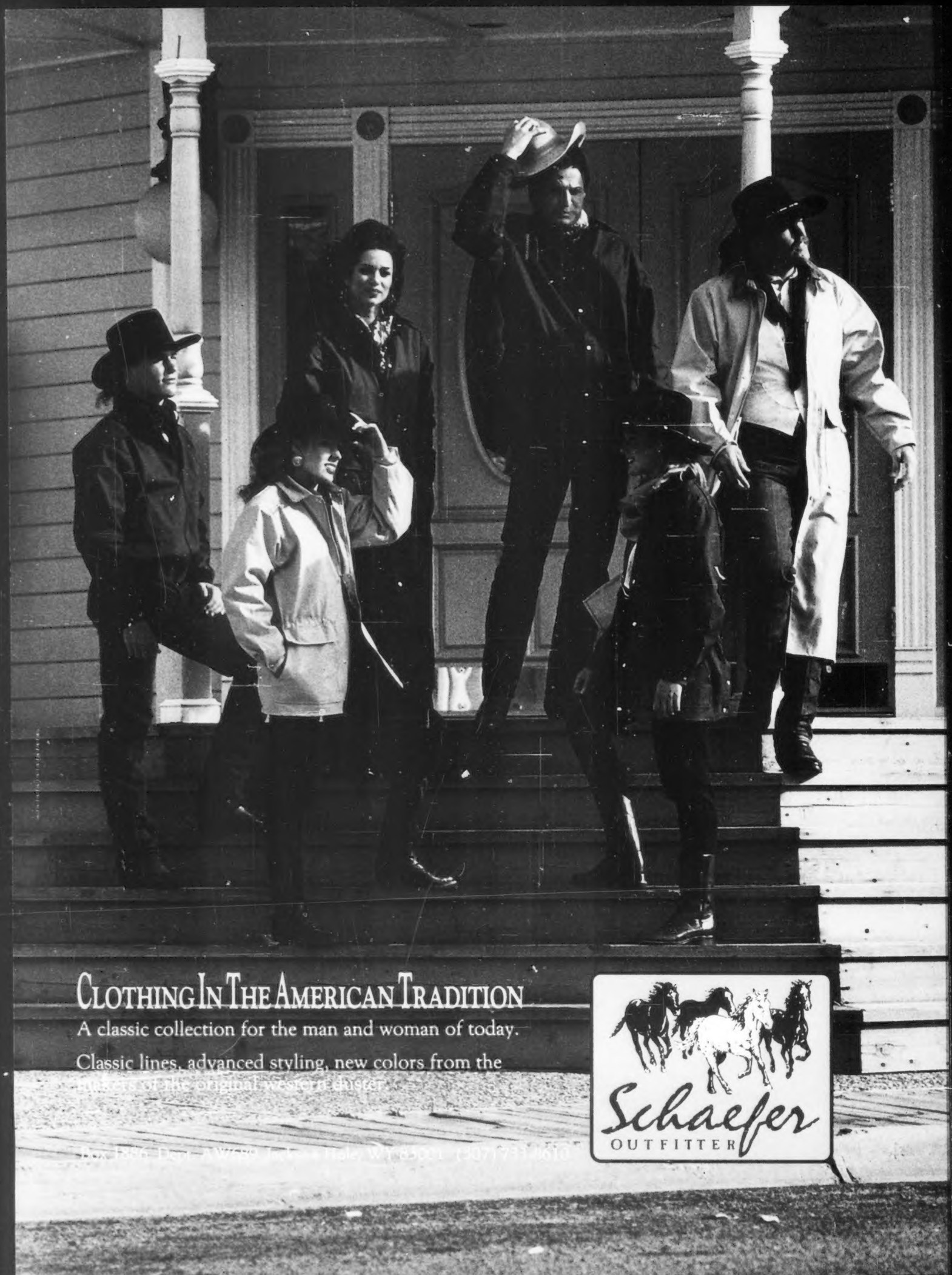
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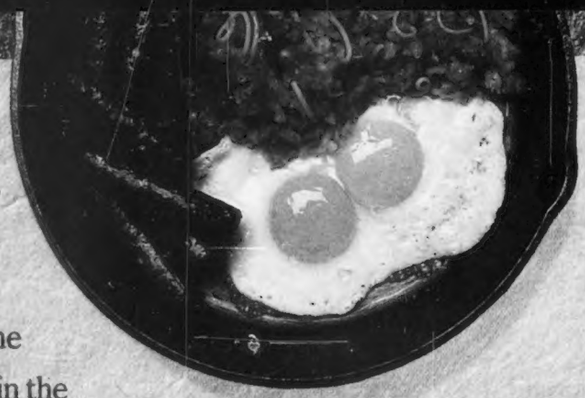

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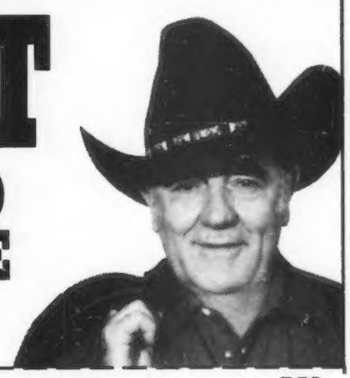

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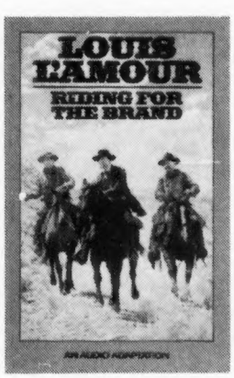

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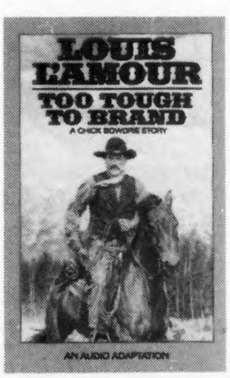

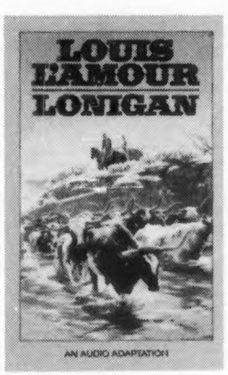

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Cover Using mountain bicycles and four-wheel-drive vehicles, three families with children enjoy a camping trip on the White Rim Trail in Utah's Canyonlands National Park. This primitive area provides dramatic scenery as well as rugged challenges to bikers. Our photo shows the author, Beth, with fellow biker Mel on the Trail below Washer Woman Rock.

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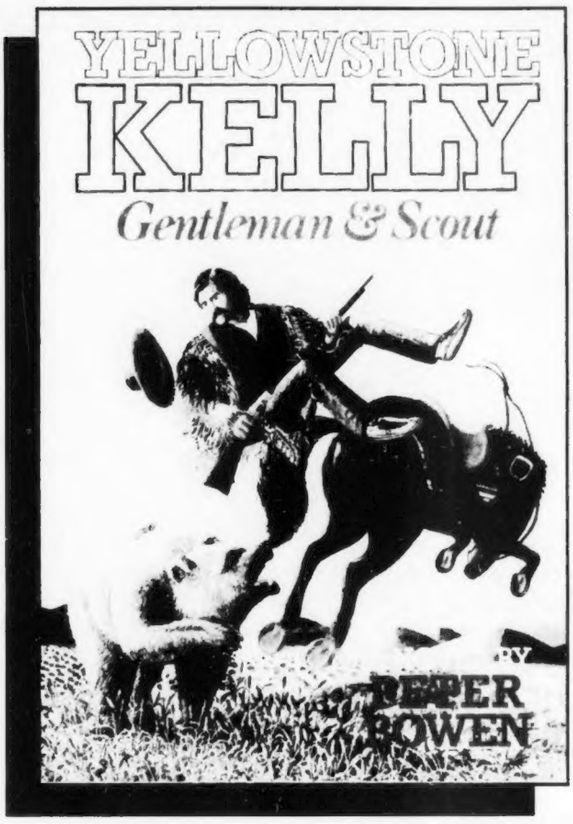

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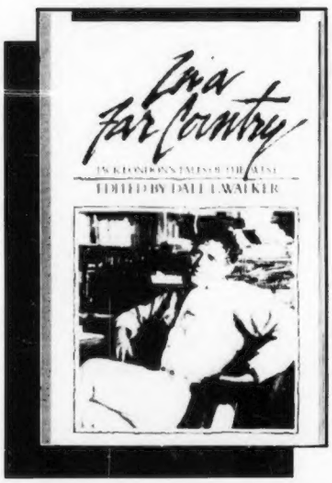

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VIEW FROM THE WEST

When we first moved to the place where we live, a little blond-headed boy arrived at our door by way of a path between our house and the next. The path—more like a game path than a man-made way—twists and turns through the desert avoiding a variety of cacti and brittle bushes. It connects the back door of our place with that of our neighbor.

There are no fences or walls here. The houses are far apart because they were built some fifty years ago when these hills and arroyos were out of town, and the idea of the city expanding out of the valley floor and onto this uneven ground seemed unlikely. Land here was plentiful.

Our little neighbor arrived to see who we were, what we were like, and if we had any children his age. He came on his own, as a self-appointed emissary to tell us his family history and share with us his knowledge of the land around us as he had experienced it.

He spoke freely, openly, and seriously, as little boys on self-appointed missions often do. I learned that his mother was from the South, and that she was a photographer. "A good one," he said. I learned that he had an older sister, whom we were to meet soon by benefit of the same path.

I learned that our neighbors kept all kinds of livestock: chickens, ducks, peacocks, a horse, a donkey, and a whole pack of dogs of all ages, breeds, sizes, and personalities. In fact our little friend had arrived at our door with an escort of his canine troops. And while he spoke, they sniffed over the place and left their own calling cards.

Once he'd revealed the basic lay of the land and the nature of his family and their chattels, he got down to the deeper business of sharing the stories of the place as he had experienced them. My little neighbor said that he had once been bitten by a rattlesnake on the same path he'd followed between our houses.

He said this by way of a warning to the unwary, but more with a sense of adventure and survival. He'd weathered the trauma without much physical discomfort to himself, but with a great deal of shock to his frightened family. He told the story with enthusiasm and in generous detail.

"The dogs ran ahead," he recalled with a benevolent frown at one big dark hound that stuck close to him. "Must have stirred the big snake up just in time for it to strike. I came along behind the dogs. The snake was ready. One fang went through the side of my boot and passed clean through the edge of my foot. Most of the venom squirted into the bottom of my boot."

He told his story of the DAY OF THE SNAKEBITE like a man who has passed through a dangerous mystery. An initiation. It was a dragon story, and the dragon was still loose on the land. He had braved the path—a friendly path, but not without its perils—to come to greet us.

We were standing outside at the time, not far from our end of the path, and even though the snake had struck him a couple of years before, he concluded the telling of his story with a significant look over his shoulder, as if to say: "Even at this moment the jaws of the rattlesnake kingdom might be coiled, lying in wait for another victim."

After the snake story he told me that his father had been killed in Vietnam. "In the highlands," he said, "helping the people there." His mother had remarried. He looked at me directly as he spoke, wanting me to know that for all this he considered himself "one of the lucky ones," as he put it.

In the first years we lived here we homesteaded our own place with the things we wanted: We put in a garden, we planted a grove of citrus trees. We built a corral, acquired a horse, kept dogs, and had a second little boy of our own. The path between the houses remained open. Other neighbors moved in and out of other houses in the hills, but we stayed. The first generation of our dogs grew old and died, and were buried near the path.

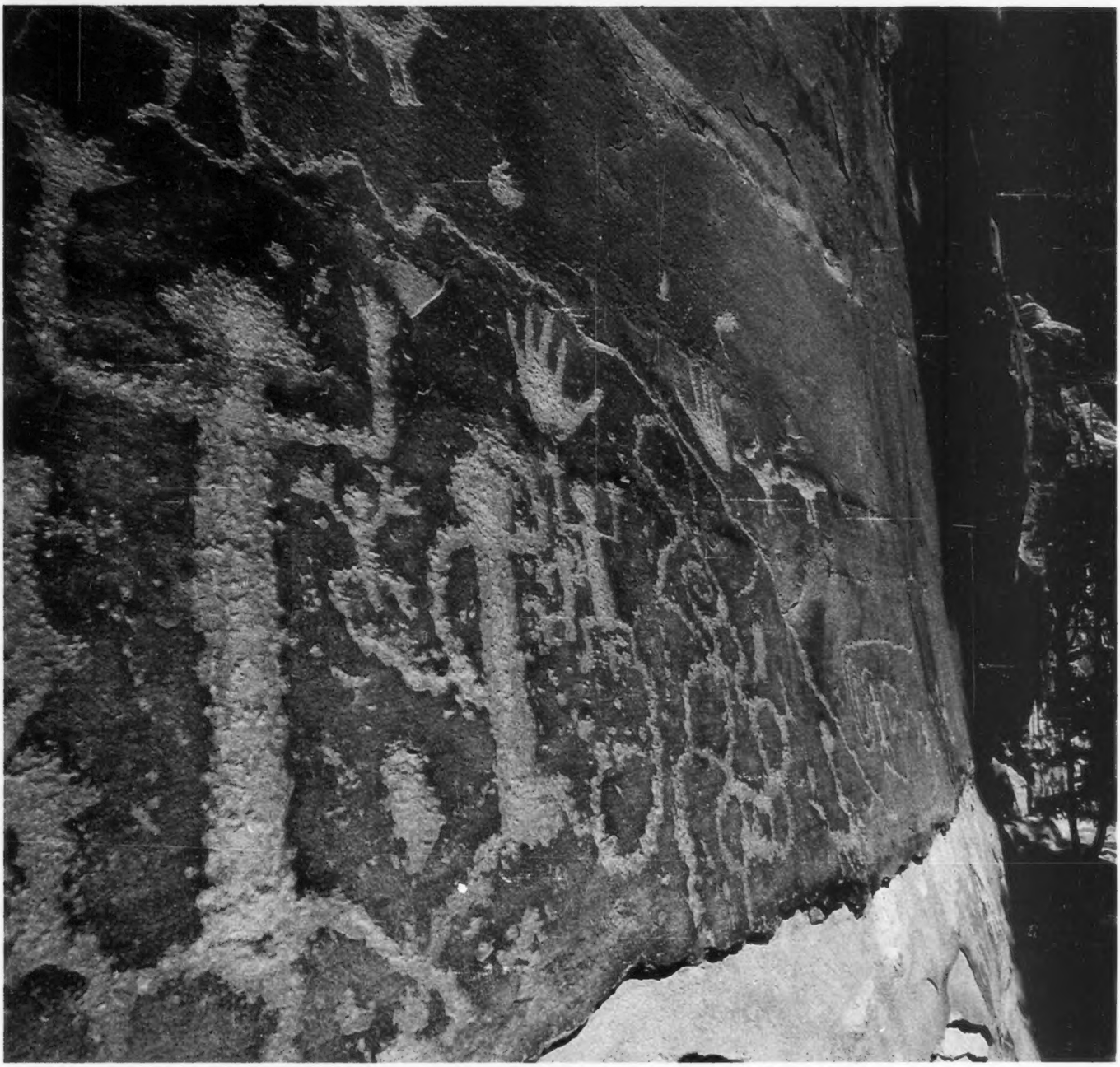
There are small events in every personal history that carry a weight beyond their apparent moment. Sometimes we only realize this long after, and we don't entirely know what happened. Even though it's been more than fourteen years since the visit by my little neighbor, the memory has stayed and circled in my mind.

It's a memory that moved us into the neighborhood. Back west with rattlesnakes, cactus, and all. It gave us the immediate lore of the place. It established two-way, foot traffic on the path between neighbors. It meant more than any adult "welcoming" party.

The boy has grown up and moved away. He has a family of his own. The open path through the desert between our houses remains as he established it in those first days. I've never seen a rattlesnake on it, but I've never forgotten to look either.

Tom Pew

Some Of Our Visitors Liked Colorado So Much, They Left Little Maps For Their Friends.



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LETTERS TO THE EDITOR

Dowsing

This is a polite rebuttal to all dowsing articles ("Don't Spare the Rod," April 1989). No one has ever scientifically proven that dowsing REALLY works.

My three-year experience with water-well drilling began in 1929 in Michigan. The owner of the business did not believe in dowsing. The depth and cost of each well was estimated within ten or fifteen percent by simply finding out all about the nearest existing wells in all directions—if they were in bedrock, gravel, or artesian, and their depth. There was never a failure. Our competitor dowsed to locate every well, and many were drilled at undesirable locations.

The action of a forked stick moving up or down is caused by the way it is gripped with the hands.

Dowsing with a forked stick on a large raft in the middle of the ocean will be the same as on land—the stick will move up or down regardless of all that water in all directions.

Dan Marvosh
Pasadena, California

Wildfires

In your April 1989 issue you printed a letter from a Mr. C. O. Peterson of Hamilton, Montana. As he strongly

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disagrees with the "let it burn" policy, I must say that I strongly disagree with him.

As a native of northern New Mexico, I have seen a great deal of forest fires and their "harmful" aftereffects. More than twenty years ago, a large fire caused by lightning burned a few thousand acres of heavy spruce and pine timber in the mountains west of Raton. Since I wasn't around at that time, I can't be specific about the immediate aftereffects. I can, however, be specific about its current aftereffects.

Today, this is some of the most game-rich land in the southern Rockies. The fire cleared the very heavy timber and deep layer of spruce and pine needles, creating a rich soil for the grass which now grows thick and tall. This is a prime calving area for elk, which are very abundant in the "burn." The oak brush that also grows thick here creates a home for rodents and ground birds as well as food for mule deer and wild turkey. The trees still standing, albeit a bit scorched, are home to woodpeckers, squirrels, owls, and the very beautiful mountain bluebirds.

Mr. Peterson remarks about the detriment of natural fires. I must say that I've never personally seen such detriment, but rather the opposite in great benefit to environment and inhabitants alike. The most I've ever seen is trees and ground blackened.

Rob Yaksich
Raton, New Mexico

Valley of the Sun

Regarding "Lifestyle in the Valley of the Sun" (February 1989), Mr. Cheek seems to think it is humorous that Jack Swilling and later residents of Phoenix have converted the desert there into an "oasis" with "lush, green lawns and forests of trees," 105 golf courses, numerous fountains, man-made lakes, pools, and even a man-made sea.

The Colorado River has not reached its mouth for many years due to the requisitioning of its water by communities like Phoenix and Los Angeles. Over much of the country we have had drought or near-drought for two years, and this year is still questionable. Many communities are planning rationing for this summer.

Under these circumstances, the water use practices in Phoenix are selfish,

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LETTERS

foolhardy, and in the long run, dangerous. I doubt that "the future will bring more of the same," at least not forever. This precious resource is not infinite.

Cheryl S. Sharp
Corning, California

Fighter plane

I wonder if any other reader will make a response to the caption on page 55 of the February issue, "Grumman FM-2 Wildcat" shown in front of the Champlin Fighter Museum in Phoenix.

Of Grumman design, the FM-2 was a General Motors product, and several thousand were built during World War II.

How was this "technicality" overlooked?

William P. Bassett
Tumwater, Washington

Two more for the Clinton

Regarding our photo in Western Snapshots Yesterday, December 1988, two more readers offer identification.

It would seem that the locomotive is the DeWitt Clinton. (Refer to attached illustrations from *Steam Locomotives* by Luciano Greggio [Crescent Books], pages 19 and 20.) As you can see, the stack, boiler, dome, and piping are similar, along with the configuration of the side rods. You can see that the John Bull is an entirely different engine. Also find attached a photo of the John Bull as it appeared after a "rebuild" at the Altoona Works PRR in mid-1940.

Dick Heiler
Railroader's Museum
Altoona, Pennsylvania

Your photo in the December 1988 edition is of the DeWitt Clinton, the third American-built steam locomotive, according to John O'Connell's *Railroad Album* (Popular Mechanics Press, 1954).

If memory serves, your photo, like the one in O'Connell's book, is of a replica built decades ago, the original having been lost somehow. The trial run of the original in 1831 was a success, despite the fact that the smokestack had no spark arresters, and the passengers on the run had considerable trouble keeping their clothes from catching fire.

William R. Jones
Lakewood, Colorado

WESTERN LOOKOUT

COURTESY ALBUQUERQUE CONV. & VIS. BUREAU

Albuquerque Proposes to Save Petroglyphs for New National Monument

Petroglyphs are found throughout the length of the seventeen-mile-long West Mesa volcanic escarpment in Albuquerque, New Mexico. More than 15,000 images created over a period of 2,000 to 3,000 years by hunter-gatherers, Anasazi farmers, and Spanish sheepherders are carved into the basaltic cliffs, revealing a prehistoric record of gods and beings that figured prominently in their societies. Estimated dates for the oldest petroglyphs in the area are roughly 1000 B.C. to A.D. 500, with the bulk consisting of Rio Grande Style imagery (A.D. 1300 to A.D. 1650), some of the most dramatic and complex in the Southwest.

Endangered now because of increasing development and vandalism, the petroglyphs are the largest concentration of rock art near a major city in the world. Concerned citizens and lawmakers have banded together to raise the necessary funds to buy up the escarpment and surrounding land and create Indian Petroglyph National Monument. If successful, the plan will protect 7,500 acres of a historically significant area that will become the first national park to feature our country's vast heritage of Indian rock art.

For further information including tours, contact The Friends of the Albuquerque Petroglyphs, P.O. Box 75277, Albuquerque, NM 87194 or call (505)255-7679.

Norwegian pioneers brought their skills to the fertile lands and hills of east central Texas in 1854 to found the community of Norse (northwest of Waco). Their descendants have helped to accumulate the largest collection of Norwegian artifacts in the Southwest at the Bosque Memorial Museum in Clifton. Antique clothing, dolls, guns, Indian artifacts, a large mineral collection, and handmade furniture (some with rose-

Plains Indian art, artifacts and jewelry.

Colorful, educational, free catalog shows over 100 beautiful examples of mounted buffalo skulls, bow and arrow sets, knives, painted buffalo and elk robes, shields, axes, lances, dance sticks, dolls, ceremonial pipes, rattles, shirts, coyote fang necklace, other bone jewelry, silver jewelry and more unique gifts, stunning decorations and collector's items from exclusive source. All are hand made with authentic materials.

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malling) are exhibited. For information on museum hours (Thur.–Sun.) or tours of the historic district of Norse with its restored buildings, call Mary Orbeck, (817)675-8733 or 675-6774.

Floriade II, a three-day flower show featuring award-winning florists and landscapists, will be held May 5–7 at the historic Banning Residence Museum in Wilmington, California. Honorary chairman Chuck Yeager will attend the activities which include a competitive flower show, landscape displays, horticultural exhibits, floral demonstrations and lectures, as well as displays in each room of the restored Victorian home.

A conference marking the **50th anniversary of novelist Ernest Hemingway's arrival in Idaho** is scheduled for June 9–11. Activities in Boise and Sun Valley will feature films of Hemingway's novels, lectures on his life and work, a display of his books and photographs, Basque food and dancers, performance of the John DeGroot play *Papa*, and a special address by novelist Kurt Vonnegut. For more information, write The Hemingway Western Studies Center, Boise State University, Boise, Idaho 83725, or call (208)385-1011.

Cheyenne Frontier Days

OLD WEST MUSEUM

Ninth Annual Governor's Invitational

Western Art Show & Sale

Sale Date: July 20, 1989
Show Dates: July 21-30, 1989
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*First-time participant

Holding's Little America (Junction of I-25 and I-80) is headquarters for the Governor's Invitational. For hotel reservations, contact Scott Blount, 1-800-445-6945, as art show participant.

For more details and ticket reservations, contact:
CFD Art Show, P. O. Box 2666-89E
Cheyenne, WY 82003 (307) 778-7200

Arkansas' first **trout fishing park designed especially for the handicapped and elderly** was recently dedicated. River Ridge Park overlooks the North Fork River below Norfork Dam near the town of Mountain Home in north central Arkansas. Level concrete pathways lead to picnic tables and a large fishing pier over the famous trout river (world record trout were caught there last August). For more information on Fishing in Arkansas, contact the Arkansas Game and Fish Commission, 2 Natural Resources Drive, Little Rock, AR 72205, tel. (501)223-6500.

Koochiching County, Minnesota, has enacted a homesteading plan in an effort to bring new people to their area. At 3,100 square miles, Koochiching is one of the largest counties in the state and borders Canada's Ontario Province. International Falls (pop. 10,000) on the Rainy River is its largest town. Settlers must qualify for the forty-acre grants by being financially self-sufficient and able to bring a business or useful skill to the county. For information write Koochiching Development Authority, Box 671, International Falls, MN 56649.

Long Beach (California) Yacht Club will host the biannual **Trans Pacific Yacht Race,** a prestigious 2225 mile race to Honolulu, Hawaii, starting June 30. About 70 boats from the world over, ranging from 36 to 80 feet long and divided into six classes, are expected to participate. The sailboats will reach speeds over 20 knots, with the first place winner anticipated to finish at Diamond Head, Honolulu, about nine days later.

The first comprehensive **exhibition on the history of skiing in Colorado** will be on view through October 15 at the Colorado History Museum in Denver. The sport is traced from its practical beginnings as a mode of transportation in the snowbound mountain communities of the nineteenth century to the billion-dollar industry it represents today.

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The Franklin Mint
Franklin Center, Pennsylvania 19091

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Portrayed on the coins will be the most significant treasures of the fabulous ships of fortune lost in the Caribbean. Each has been selected through a major initiative involving marine archaeologists, treasure-divers, and such noted repositories of maritime records as the British Museum, Lloyds of London, and the *Archivo General de las Indias*—the leading authority on Spanish colonial shipping.

There will be coins showing the great riches of empire...bejeweled rings, exquisite works of silver and gold, royal revenue and private wealth that never reached its destination. Other coins will depict significant archaeological finds—offering a view of life during the age of exploration. And perhaps most intriguing of all will be the silver coins portraying those treasures still *undiscovered*—but whose existence is known through drawings, ships' manifests, and maritime disaster reports.

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Each Proof coin will be accompanied by a reference folder and location map, relating the intriguing story of the treasure portrayed. A special presentation case for the collection will be provided at no extra cost.

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ALASKA

Alaska Div. of Tourism
P.O. Box E
Juneau, Alaska 99811
(907)465-2010

● ***Miners Day Festival***

May 20: Talkeetna. 10K Run for Gold, cancan shows, softball games, food.

● ***Summer Music Festival***

Jun. 2–23: Sitka. Internationally known musicians play chamber music against glass backdrop giving a splendid view of Sitka Sound.

● ***Midnight Sun Run***

Jun. 17: Fairbanks. 10K race for age, costume, team, and family divisions. Refreshments and entertainment.

ARIZONA

Arizona Office of Tourism
1100 West Washington Street
Phoenix, Arizona 85007
(602)542-3618

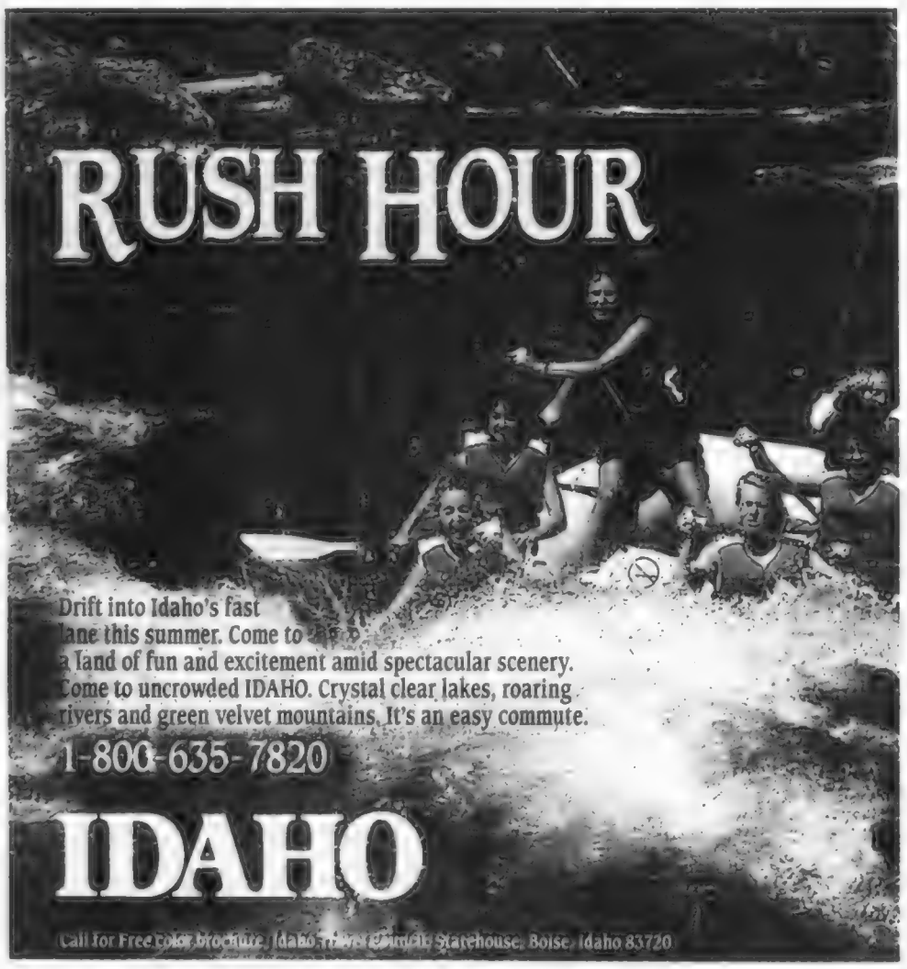
● ***Rendezvous Days***

May 26–29: Williams. Black powder shoot, frontier crafts, carnival, dancing.

● ***American Family Jamboree***

Jun. 3&4: Douglas. Mud volleyball, tug of war, sack race, water balloon toss.

● ***Native American Arts***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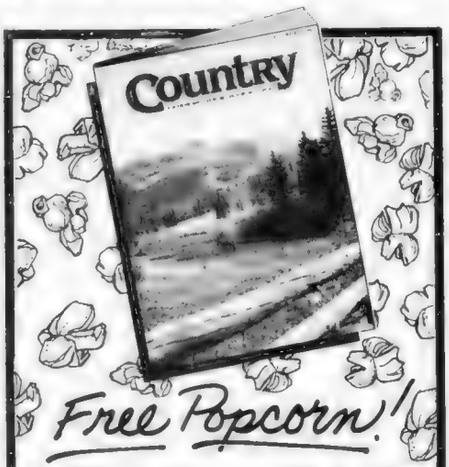

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ARKANSAS

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One Capitol Mall
Little Rock, Arkansas 72201
(501)682-7777

● ***Birdwatch Weekend***
May 6&7: West Fork (Devil's Den State Park). Live birds of prey demonstrations, guided birdwatching walks, programs to feed birds at home.

● ***Spring Doll Show***
May 20: Eureka Springs. Exhibit, sale, and auction of collectible dolls: antique, modern, reproductions.

● ***Greek Food Festival***
Jun. 9–11: Little Rock. Food from Greece, Middle East, Assyria, India; ethnic dance, live music, balloon rides.

CALIFORNIA

California Dept. of Commerce
Office of Tourism
P.O. Box 189
Sacramento, CA 95812-0189
(800)862-2543

● ***Championship Cribbage***
May 5&6: Quincy. Optional doubles tournament on Friday, world championship on Saturday.

● ***Balloon & Wine Festival***
May 21&22: Temecula Valley. Wine tasting, balloon competition, jazz, champagne balloon flights, games.

PHOTO BY MARGIE MESERVE

HUCK FINN JUBILEE

● ***Huck Finn's 12th Jubilee***
Jun. 16–18: Victorville. River-raft building, greased pole climbing, miracle tonic shows, clogging.

COLORADO

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● ***Mollie Kathleen Gold Mine***
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● ***Doc Holliday Trail Run***
May 13: Glenwood Springs. Athletes run 35 miles of forest trails and dirt roads at elevations 5,700 to 8,200 feet.

● ***Yampa River Festival***
June 9–11: Steamboat Springs. Kayak, canoe, and raft races. Kayak clinics.

HAWAII

Hawaii Visitors Bureau
2270 Kalakaua Avenue, Suite 801
Honolulu, Hawaii 96815
(808)923-1811

● ***Ke Ola Hou Spring Festival***
May 27: Hanapepe, Kauai. Tahitian competition, games, entertainment.

● ***50th State Fair***
May 26–28, Jun. 2–4, 9&10: Honolulu, Oahu. Commercial exhibits, produce, food booths, entertainment.

● ***Kamehameha Celebrations***
Jun. 11: All Islands. State holiday honoring Hawaii's first monarch; parades, games, craft demonstrations.

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CITIBANK 10K RUN – MAY 27th
RIM GUIDANCE ARTS & CRAFTS SHOW – MAY 27 & 28, 1989
PEPSI MEMORIAL SOFTBALL TOURNAMENT – MAY 27, 28 & 29

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Drawer A • Payson/AZ 85541
602/474/4515

700 W. State Street
Boise, Idaho 83720
(208)334-2470

● ***Lewiston Air Festival***
May 6&7: Lewiston. Experimental, vintage, and military aircraft, aerobatics, sky diving, children's shows.

● ***Smithsonian Museum Lectures***
May 17–20: Pocatello. A spectrum of topics from gems and minerals to Smithsonian treasures and gadgets, volcanology to forensic anthropology.

● ***Cherry Festival***
Jun. 12–18: Emmett. Cherry pie-eating contest, dancing, firehose competition, music, pageants, shows.

IOWA

Bureau of Tourism and Visitors
Iowa Dept. of Economic Develop.
200 E. Grand Avenue
Des Moines, Iowa 50309
(800)345-4692

● ***Pride Week***
May 14–20: Council Bluffs. Children's night with face painting, jugglers, clowns; parade, foods, music, fun.

● ***Rose Festival***
Jun. 15–18: State Center. Summer gardens with 400 varieties of roses; food, games, entertainment, parade.

● ***Des Moines Metro Opera***
Jun. 23–Jul.14: Indianola. All shows are performed in English, including *Die Fledermaus, The Tales of Hoffmann,* and *The Crucible.*

KANSAS

Kansas Dept. of Commerce
Travel and Tourism Develop.
400 SW 8th, 5th Floor
Topeka, Kansas 66603-3957
(913)296-2009

● ***Art & Book Fair***
May 13&14: Wichita. Juried fine art show, craft festival, donated-book sale.

● ***Butterfield Trail Ride***
Jun. 3&4: Russell Springs. Two-day, eighteen-mile ride on horseback or in horse-drawn wagons; camp out and dance to live country music.

● ***Open Fishing Derby***
Jun. 11: Marion. Catch walleye, catfish, crappie in Marion Lake for cash prizes.

LOUISIANA

Office of Tourism
P.O. Box 94291
Baton Rouge, Louisiana 70804-9291
(504)342-8119

● ***14th Annual Sawmill Day***

May 19–21: Fisher. Art show, logging and fiddling contests, square dancing.
● ***Louisiana Corn Festival***
Jun. 9–11: Bunkie. Street dances, lizard races, corn shucking, Cajun food, Zydeco music, pirogue races.
● ***Kay Cee Fishing Rodeo***
Jun. 23–25: Houma. Salt and fresh water fishing contest, music, food.

MINNESOTA

Minnesota Office of Tourism
375 Jackson Street, 250 Skyway Level
St. Paul, Minnesota 55101
(800)328-1461
● ***Festival of Nations***
May 5–7: St. Paul. Seventy-three ethnic groups with authentic cafes, folk dance and art shows; international bazaar.
● ***Square Dance Convention***
Jun. 9–11: Duluth. Square and round dancing, clogging, and contra.
● ***National Lamb and Wool Show***
Jun. 16&17: Albert Lea. Open lamb-and-wool competition; spinning, weaving, working dogs, cookout.

MISSOURI

Missouri Div. of Tourism
Truman State Office Building
P.O. Box 1055
Jefferson City, Missouri 65102
(314)751-4133
● ***Valley of Flowers Festival***
May 5–7: Florissant. Spring fair with art show, antique auction, book fair, tour of historic homes, ice cream social.
● ***Riverfest***
Jun. 9&10: Cape Girardeau. Music, working arts and crafts, southern-style barbecue, and children's activities.
● ***Watercolor U.S.A.***
Jun. 11–Aug. 13: Springfield. Display of watercolors from juried national competition at Springfield Art Museum.

MONTANA

Travel Montana
Dept. of Commerce
1424 - 9th Avenue
Helena, Montana 59620
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● ***Ski Yachting Championship***
May 16–20: Whitefish. Two days of slalom racing on Big Mountain, followed by two days of sailing on Flathead Lake.
● ***College National Finals Rodeo***
Jun. 12–17: Bozeman. The best young college rodeo cowboys in the country compete.

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● ***Centennial Celebration***
Jun. 24–Jul. 4: Laurel. Trap shoot, military fair, street dance, wild game dinner, and huge fireworks display.

NEBRASKA

Div. of Travel and Tourism
Dept. of Economic Develop.
P.O. Box 94666
Lincoln, Nebraska 68509-4666
(800)228-4307 or
in-state (800)742-7595
● ***Treasure Hunters Expo '89***
May 6&7: Fremont. Treasure hunts and displays, largest Pre-Columbian artifact exhibit in U.S., and latest equipment.
● ***Mary Crook's Birthday Party***
May 7: Omaha. Tours of old Fort Omaha, a Victorian garden, and the General Crook House Museum.
● ***Kolach Days***
June 9–11: Verdigre. Czech heritage festival named for fruit-filled pastry. Music, dancing, and children's games.

NEVADA

Nevada Commission on Tourism
Capitol Complex
Carson City, Nevada 89710
(800)638-2328 or
in-state (702)885-3636
● ***Western Festival Days***
May 20&21: Elko. Old West events include fast-draw contest, Indian dancing, and gold panning.
● ***Mule Show and Races***
Jun. 2–4: Winnemucca. Long ears are shown in ten classes with $10,000 in prizes. Pari-mutuel betting on races.
● ***Jumping Classic & Grand Prix***
Jun. 28–Jul. 2: Reno. Hunter/jumper events in Olympic-style equestrian show.

NEW MEXICO

Economic Develop. and Tourism Dept.
P.O. Box 20003
Santa Fe, New Mexico 87503
(800)545-2040 or
in-state (505)827-0291
● ***Santa Cruz Day Corn Dance***
May 3: Taos Pueblo. Traditional Indian dancing performed by young members of the 900-year-old Pueblo.
● ***Anasazi: The Ancient Ones***
Jun. 8–Sep. 2, Thur.–Sat.: Farmington. Outdoor musical drama showcasing Southwest Indian history.
● ***Cumbres & Toltec Scenic R.R.***
Jun. 10–Oct. 15: Chama. Sixty-four-mile trips on a narrow-gauge railroad through the southern Rockies.

OKLAHOMA

Tourism and Recreation Dept.
500 Will Rogers Building
Oklahoma City, Oklahoma 73105
(800)652-6552
● ***Iris Festival***
May 6: Ponca City. Garden tours, afternoon teas and concerts amid the splendid blooms.
● ***Chisholm Trail Festival***
Jun. 8–11: Yukon. Reenactment of a longhorn cattle drive complete with chuck wagons, cowboys, gunfights, and Indian encampment.
● ***OK Mozart***
Jun. 9–17: Bartlesville. Concerts, tours, and workshops in the atmosphere of Mozart's Austria.

OREGON

Economic Develop. Dept.
Tourism Div.
595 Cottage Street, N.E.
Salem, Oregon 97310
(800)547-7842 or
in-state (800)543-8838

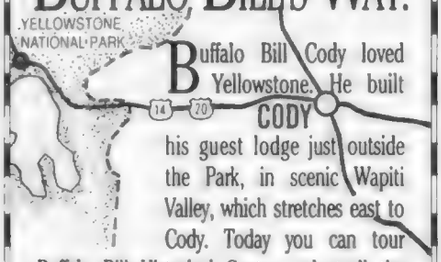
NEW MEXICO USA
Land of Enchantment

THE PERFECT WEEKEND GETAWAY

LAS VEGAS
SAN MIGUEL COUNTY
NEW MEXICO

Chamber of Commerce, 727 Grand Ave.
Las Vegas, NM 87701 505-425-8631

SEE YELLOWSTONE BUFFALO BILL'S WAY.



Buffalo Bill Cody loved Yellowstone. He built his guest lodge just outside the Park, in scenic Wapiti Valley, which stretches east to Cody. Today you can tour Buffalo Bill Historical Center and stroll the Historic District in downtown Cody—Buffalo Bill always did.

For more information:
307-587-2297
CODY COUNTRY CHAMBER OF COMMERCE
P.O. Box 2777-AW • Cody, Wyoming 82414

The Man. The Town. The Legend

CODY
WYOMING

Produced in cooperation with the Park County Travel Council and the Wyoming Travel Commission.

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● ***Oregon Potters Showcase & Sale***
May 5–7: Portland. Over 100 potters exhibit a wide range of regional ceramic art—functional and decorative.

● ***Strawberry Festival***
May 29–Jun. 4: Lebanon. Enjoy Old Time Fiddlers, fitness runs, and a serving of the world's largest shortcake.

● ***High Wind Classic***
Jun. 24&25: Hood River. Pro-am competition in the wind surfing capital of the world.

TEXAS

Texas Travel & Information Div.
State Dept. of Highways
11th and Brazos streets
Austin, Texas 78701
(512)463-8585

● ***Texas Arts & Crafts Fair***
May 27&28, Jun. 3&4: Kerrville. Animal theme in paintings, sculpture, wool and mohair weaving; petting zoo.

● ***Van Cliburn Piano Competition***
May 27–Jun.11: Fort Worth. Thirty-five of the world's most promising pianists compete; finalists perform in concert.

COURTESY THE TEXAS PANHANDLE HERITAGE FOUNDATION, INC.

TEXAS MUSICAL DRAMA

● ***Texas—A Musical Drama***
Jun. 14–Aug. 26: Palo Duro Canyon near Amarillo. Paul Green's historical musical in open-air theater. Spectacular sound and lighting.

UTAH

Utah Travel Council
Council Hall/Capitol Hill
Salt Lake City, Utah 84114
(801)538-1030

● ***Friendship Cruise***
May 26–29: Green River to Moab. A

flotilla of boats floats down the Green River through fabulous scenery, and motors up the Colorado River to Moab.

● ***Scottish Highland Festival***

Jun. 17: Park City. Bagpipe music, competitions in the caber toss, highland dancing, drum and pipe.

● ***Dance & Cloggers Festival***

Jun. 28–30, Jul. 1, 3: Orem. Variety of bands in concert and performances by America's finest cloggers.

COURTESY SPRINGFIELD ART MUSEUM

WATERCOLOR COMPETITION

THE DINNER PARTY BY WILLIAM BARNHART

WASHINGTON

Dept. of Trade and Economic Develop.
Tourism Div.
101 General Administration Bldg.
Olympia, Washington 98504-0613
(206)586-2102

● ***Volcano Daze Festival***

May 13: Toutle. With Mount St. Helens in the distance, family activities include carriage rides, games, gospel music.

● ***Skandia Midsommarfest***

Jun. 18: Poulsbo. Traditional Swedish foods, music, dance, and costumes make for a tasty, lively event.

● ***Berry Dairy Days***

Jun. 23&24: Burlington. This agricultural community celebrates its produce with food, music, and fun.

WYOMING

Wyoming Travel Commission
I-25 at College Drive
Cheyenne, Wyoming 82002-0660
(800)225-5996 or
in-state (307)777-7777

● ***Rocky Mountain All Girl Rodeo***

May 6&7: Rock Springs. Ladies and juniors compete in barrel racing, goat tying, and team roping.

● ***Elk Antler Auction***

May 20: Jackson. Interest is worldwide in bidding on the antlers—shed by 6,000 elk who winter nearby.

● ***Cookie Festival***

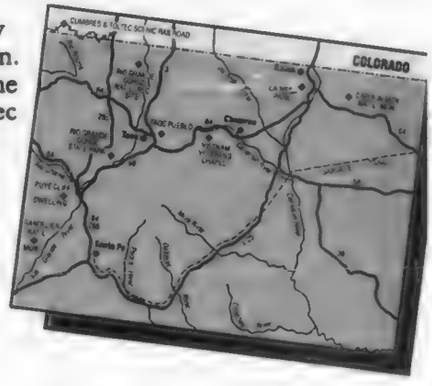
Jun. 17: Cody. Cookie Monster's dream—6,000 cookies to taste. Entry tickets are raffled for prizes.

Take the Rio Grande, the Rio Chama or a dozen others. It's a wet ride on the wild side of summer vacation excitement.

Come for a one-day or multi-day river run. Then see the rest of the fun. Ancient, artistic Taos right around the bend. All aboard Cumbres and Toltec Scenic Railroad, the longest and highest narrow gauge in America.

Soak up our warm hospitality and unique cultural diversity, too. There's so much to explore, it's a carnival... on the rio or off! Call for your free 148-page, 1989 New Mexico Vacation Guide.

1-800-545-2040.



More To Explore.

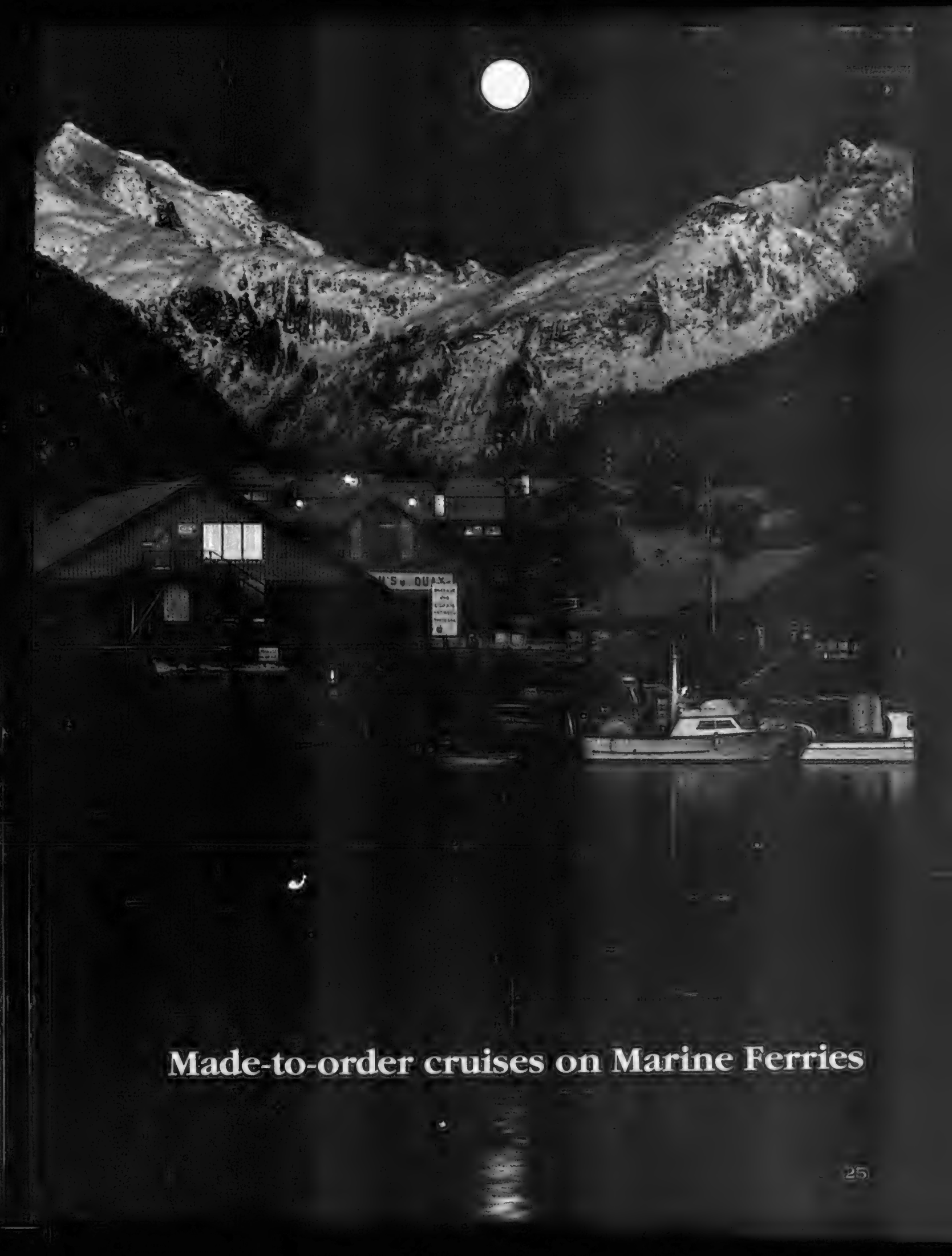
NEW MEXICO USA
Land of Enchantment

PHOTO BY DAN EVANS

A lovers' moon rises over the jagged peaks of Baranof Island while Sitka catches the last light from the sunset.

ROAM ALASKA'S INSIDE PASSAGE

by JoAnn Roe



Made-to-order cruises on Marine Ferries

COURTESY JUNEAU CON. & VIS. BUR.

COURTESY ALASKA MARINE HIGHWAY SYS.

COURTESY JUNEAU CON. & VIS. BUR.

(Clockwise beginning top) ***The stark beauty of Mendenhall Glacier runs cheek to cheek with lush greenery. Historic Juneau welcomes visitors with flower-decked streets and horse-drawn-buggy rides. One of the ocean-going ferries of the Alaska Marine Highway System, the M/V Matanuska takes visitors along magnificent scenery.***

THERE'S ANOTHER ALASKA—NOT THE LAND OF ICE AND snow, sled dogs and Eskimos, pipelines and tundra, or burgeoning cities swollen with oil revenues. South of Canada's Yukon Territory and connected to the great mass of Alaska by slim threads lies the more quiet "Southeast," as the locals call it. This is a temperate land with hundreds of islands, green forests and wild flowers, winding waterways leading to remote beaches and hamlets, possessing a moderate climate.

Many visitors choose to approach this region of misty fjords and lively towns via the Inside Passage on the blue and white, ocean-going ferries of the Alaska Marine Highway System, operated by the state of Alaska. The ferries provide a moving sidewalk for Southeast, an area that has no through, land highways.

On a typical voyage, you board the M/V *Malaspina* on a Friday evening at Elliott Bay in Seattle, where the docks are close under the towering skyscrapers marching in rows up Seattle's steep hills. A luggage train boosts your belongings aboard. You reclaim your bags and visit the steward's office for your cabin assignment and key. The *Malaspina* has two-berth and four-berth cabins, sizes that accommodate most families. Cabins are basic and comfortable, each with a small closet, a sink, and separate bathroom with shower. You're on your own; no cabin steward or maid glides in and out to bring ice water or make up the berths. These ferries are people movers, not cruise ships, although they have some of the same ambience.

The throb of the ship's engines is a reminder that an ocean voyage lies ahead. You throw down your luggage helter-skelter and rush back on deck to watch the city of Seattle recede. The ship moves through Puget Sound, past a myriad of islands, many sparsely settled. Tidy homes front on rocky beaches and cling to promontories.

The 408-foot *Malaspina* has four decks. It can carry 750 passengers and 120 vehicles. Autos, motorcycles, bicycles, and small boats are stored on the lowest level. Next above is the cabin deck with eighty-six staterooms, and above that is the main or "fun" deck. A luxurious observation lounge, glassed in on three sides, dominates the area forward, where groupings of sofas and chairs invite conversation. Amidships are a game room for children and a cocktail lounge for their elders. A cafeteria and adjacent dining room bring up the stern. Knots of people have gathered in the cafeteria to snack or have coffee and chat—tour group members, families on vacation or returning home from the Outside (the lower forty-eight), or new acquaintances comparing notes. All the while the San Juan Islands and Canadian Gulf Islands sweep by in their matchless beauty.

Covering half the uppermost deck are rows of comfortable, adjustable airline-style seats for passengers choosing passage only, no cabins. (Some travelers book cabins from one port to the next stop, but piecemeal reservations are scarce in summer.) The balance of that deck is taken up with crew's quarters and the bridge, from which the captain and crew operate the ship, using modern navigational instruments and visually scanning the waters.

ON THE BROAD STERN ARE OPEN SPACES FOR lounging on warm summer days. When the ship is crowded, officers often "look the other way" if tents spring up after dark or students roll out sleeping bags under the sky. Few passengers stay in their cabins during daylight hours. Lounges and the outer main deck teem with sightseers. After all, most summer passengers are tourists who have boarded the ferry as an economical way to go to sea and view some of the world's most beautiful marine scenery.

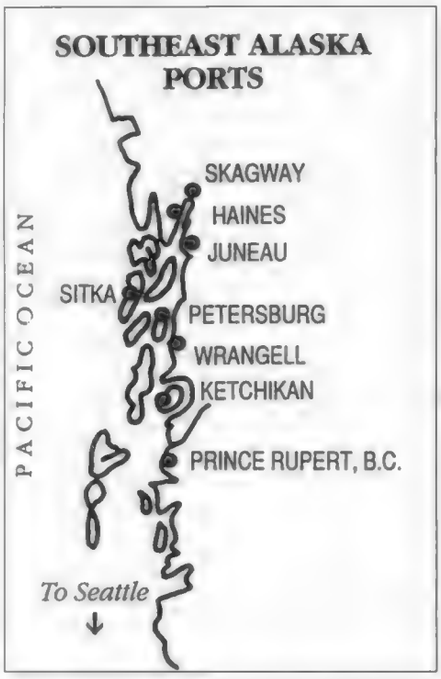
In the morning, a fellow passenger points excitedly, "Look! There's a whale blowing!" A school of whales is cavorting nearby, their immense dark bodies rolling sinuously in the blue water, a tail fluke flipping saucily here and there. Soon the ship skirts a fleet of purse seiners, fishing vessels about forty feet long. One is pulling in a large circular net or "purse" that is probably full of salmon. The island-studded waterways of the Inside Passage are a playground for dolphins and orcas—those flashy black and white pranksters ineptly named "killer whales." Pleasure craft from kayaks to luxury cruisers ply the channels. Businesslike freighters and oil tankers from Valdez share the deep waters.

For some time we are in the Queen Charlotte Sound, an uneasy passage assaulted by the Pacific; then we skirt the shores of the Queen Charlotte Islands. "If we were closer," volunteers a dining companion, "we could see the moss-covered old totem poles of the Haida Indians." A retired forest ranger who had been stationed in Alaska, he continued, "Now, most totemic art is produced for tourists or for galleries, but the legendary Haida carvers once treasured their totems as a pictorial life history."

In the observation lounge you share experiences with other passengers. His face animated, a bearded young man talks about running dogs in the Iditarod Race, the famous dogsled competition from Anchorage to Nome. "I'm returning from a vacation in the Outside," says a middle-aged woman. "I'm a bartender at a small fishing camp on Chichagof Island and won't see my family again for six or eight months." That evening in the lounge a forest ranger gives a talk about the gold era in Southeast, of the rigors of Chilkoot Trail, and the lusty town of Skagway. While there is no fixed program of evening entertainment, frequently there are talks, slide shows, or videos.

Night comes reluctantly to the northern latitudes in summer. Its mantle dims the distant view of the snow-capped Coast Range, the setting sun bathes the mountain tops in gold, then rosy, hues. The red and green lights of passing vessels wink in the dusk, and beckoning islands slip by in ghostly fashion. On this, our second night aboard the *Malaspina,* we cross waters open to the now-angry northern Pacific Ocean into Milbanke Sound. But you lie snug and warm in your berth, lulled to sleep by the rolling of the ship.

Sailing into quieter waters at the southern edge of the



COURTESY SITKA NATIONAL HISTORICAL PARK

Sitka National Historical Park exhibits artifacts from Southeast's Indian groups. A hiking trail is adjacent.

Alexander Archipelago, the ship docks at Ketchikan about noon on Sunday, approximately forty-one hours after leaving Seattle.

KETCHIKAN IS THE GATEWAY TO SOUTHEAST FOR THE *Malaspina* and four sister ships that have their southern terminus at Prince Rupert, British Columbia. In fact, auto and RV travelers sometimes prefer to drive their vehicles to Prince Rupert, board the ferry, travel through the Inside Passage, and continue north by road to Fairbanks or Whitehorse. It's a shorter boat trip, less expensive, and most important, reservations for vehicles are difficult to book at Seattle during the height of tourist season. While only one ferry a week serves Seattle, all five ferries serve the major Southeast ports.

The frequent schedules maintained by Alaska Marine Ferries give one the option of booking a roundtrip cruise or hopping on and off the ferry, staying a night or two at chosen ports, and reboarding another ferry. Cabin reservations are scarce with this approach, but you can sleep ashore in hotels. Total cost for passage is not prohibitively greater for such flexibility. One may also take day ferries from Juneau and certain other ports to small settlements and to the awesome Glacier Bay, where seventeen glaciers press forward. Alaska Airlines operates jets to Gustavus, near Glacier Bay, and to communities of surprisingly small size in Southeast.

If you remain with the *Malaspina* straight through or on a roundtrip, you have forty-five minutes to three hours or more at the ports. You can go ashore and see the sights within your time limit; often a tour van awaits to give you an overview of the area.

Juneau and Sitka are at the hub of Southeast, cities of differing aspects. Juneau, the capital city, is a jewel in an especially rugged setting beneath precipitous mountains. Sitka is more like a northern California town.

Yesterday, Juneau was bawdy and rough, a place where men and a few women fortified themselves against tackling the wilderness or celebrated their escape from it. Today, Juneau retains a flavor of its prospector past in the charmingly preserved historic district crammed into six blocks or so from the mountains to the Gastineau Channel. But legislators, lobbyists, and governmental cogs in pinstripe suits mingle with the sourdoughs, fishermen, and tourists at historic sites like the Alaskan Hotel and Bar or the Red Dog Saloon. "Throw your peanut shells on the sawdust floor," yells a patron over the din of a country western band. "That's what you're supposed to do." Uptown at the elegant Baranof Hotel, the tone is more subdued; the hotel is still where "anyone who is anybody" stays.

So restricted is Juneau's usable land area that most residents live in a sort of Juneau annex, a short distance away in the Mendenhall Valley. There the Mendenhall Glacier presents a one-and-a-half-mile front, calving chunks of ice into the lake at its base where they melt to feed the

HIGHLIGHTS OF STOPS ON ALASKA MARINE HIGHWAY

Note: All Southeast telephone numbers have area code 907, unless otherwise indicated. Most communities in Southeast have a Salmon Derby during the year. Business virtually ceases as everyone tries for the big one. Ask Visitors Centers.

Ketchikan (pop. 15,000): Lively, bustling town based on fishing and logging. Said to be rainiest city in Alaska, averages more than 150 inches annually. Best collection of totemic art in Alaska, see Totem Bight. Totem Heritage Center has largest collection of *original* totems, some restored. At Cape Saxman, large collection of totem poles; a Tlingit carving center includes school for carvers. Charters to Misty Fiords National Monument, deep fjord with mountain walls like canyons. Info: Ketchikan Convention & Visitors Bureau 225-6166.

Wrangell (pop. 2,450): False-front buildings with turn-of-century appearance. Center for activity on big Stikine River, flowing from British Columbia. Was major trading center for Russians, British, Tlingits. Fort Stikine, built by Russians, transferred to Hudson's Bay Company, became Fort Wrangell. Chief Shakes Island has historic Tlingit community house. Petroglyphs on beach. Garnets from a ledge belonging to Boy Scouts yield stones of semiprecious quality, sold to visitors. Local history at Wrangell Museum. Fishing charters. Info: Wrangell Convention & Visitors Bureau 874-3800.

Petersburg (pop. 3,400): Instead of gold, Petersburg has thrived on fishing and fish processing, all started by a stalwart Norwegian, Peter Buschmann, in 1897. Town cherishes its ethnic Norwegian background. Norwegian decor on buildings and crafts. Little Norway Festival on the weekend closest to May 17, Norwegian Independence Day. Wild goings-on include kidnapping of unsuspecting passersby to be taken to Valhalla. Charter trips by boat or plane to LeConte Glacier. Visit Falls Creek Fish Ladder to see migrating salmon, early fall. Info: Petersburg Chamber of Commerce 772-3646.

Sitka (pop. 8,400): See attractions mentioned in text. Shee Atika Hotel 747-6241 or Westmark Hotel reservations (800)544-0970. St. Michael's Cathedral, P.O. Box 697, Sitka AK 99835. New Archangel Dancers, P.O. Box 1687, Sitka AK 99835. Sheldon Jackson Museum 747-8981. Sitka National Historical Park, end of Lincoln Street. Sitka Summer Music Festival concerts, June 2–23, 1989; info P.O. Box 3333, Sitka AK 99835. Sitka Tours meets ferries and flights, special sightseeing, 747-8443. Car rentals, several. **Fishing, scenic flights, wildlife tours, sailing, kayaks:** Alaska Adventures Unlimited 747-5576. **Old charts, books, prints, esp. Alaska and polar regions:** The Observatory 747-3457. **Wildlife charters:** Sitka's Secrets 747-6234. Alaska Travel Adventures (4-hour trip in large catamaran, then motorized zodiac) 747-8811. Info: Sitka Convention & Visitors Bureau 747-5940. (In Centennial Building, also houses Isabel Miller Museum.)

Juneau (pop. 29,400): See attractions mentioned in text. Baranof Hotel 274-6631 or (800)544-0970. Inn at the Waterfront 586-2050. Alaskan Hotel & Bar (800)327-9347. Red Dog Saloon 463-3777. Silverbow Inn 586-4146. Perseverance Theater 364-2421. Juneau Shuttle (van) 586-2660 meets flights and ferries, has custom sightseeing tours and pickups. Alaska State Museum 465-2901 (see maritime history, native art). Juneau City Museum 586-3572 (gold). **Fishing:** Midnight Sun 463-3878; Juneau Sportfishing 586-1887. **Fishing, whale watching, wildlife photography:** Beartrack Charters 586-6945. **Sailing charters:** 58°22' North Sailing Charters 789-7301. **Kayak and canoe rentals:** Alaska Discovery 586-1911. **Nature tours:** Alaska Up Close 789-9544. German Connection Fototour 463-3802. **Misc.:** Chinook Alaskan (microbrewery) 780-5866. Eaglecrest Ski Area (winter), 2 double chairs, 1 platter, vertical drop 1400', 586-5284. Info: Juneau Convention & Visitors Bureau 586-1737.

Haines (pop. 1,800): Only fourteen miles from Skagway, but no road connects the two towns. Haines is southern terminus of main highway to Anchorage. Good RV parking. Was induction and rest camp during WW II. Alaska Indian Arts, totem carvers. Chilkat dancers in traditional garb at Chilkat Center for the Arts; also site for Lynn Canal Community Players. Fort William H. Seward built in 1903 for two companies of soldiers. Totem Village on grounds and Raven Tribal House. Info: Haines Convention & Visitors Bureau 766-2234.

Skagway (pop. 700): At head of an ever-narrowing fjord flanked by mountain walls. Skagway's residents work at giving you a Klondike experience. The whole town is historic. Eight blocks of central Skagway are part of Klondike Gold Rush National Park, which also includes the townsite of Dyea and Chilkoot Trail, the White Pass Trail (and an Interpretive Center in Seattle). Hacks with drivers in 1890s costumes, a melodrama, old books on Yukon Gold Rush, Soapy Smith and Frank Reid lore, access to fishing, sailing excursions, hiking trails. Road to Whitehorse connects here. Info: Skagway Convention & Visitors Bureau 983-2854.

Cruise Line Offerings

Cruise lines lure Alaskan travelers with every combination of luxurious surroundings, sumptuous meals, popular entertainment, dramatic scenery, and sea/land/air packages. You can probably find the cruise of your dreams in the offerings of the following major lines that sail in Alaskan waters. The lines listed will supply information and literature. See your travel agent for reservations and more information.

Costa Cruises, Box 019614, Miami, FL 33101-9865 Tel. (302)358-7330

Cunard Line, Ltd., 555 Fifth Ave., New York, NY 10017. Tel. (212)880-7500

Holland America Line-Westours, Inc., 300 Elliott Ave. West, Seattle, WA 98119. Tel. (206)281-3535

Princess Cruises, 10100 Santa Monica Blvd., Los Angeles, CA 90067. Tel. (213)553-1666

Regency Cruises, 260 Madison Ave., New York, NY 10016. Tel. (212)972-4774

Royal Viking Lines, 750 Battery St., San Francisco, CA 94111. Tel. (415)398-8000

World Explorer Cruises, 555 Montgomery St., San Francisco, CA 94111. Tel. (415)391-9262

Mendenhall River, a favorite with rafters. Where the ice is exposed, it is gemstone azure in color.

You may hike on marked trails over the Mendenhall Glacier, not so on the formidable 1200-square-mile Juneau Ice Field that clutches the tops of the mountains above, sending tentacles down the valleys. A helicopter trip over the Ice Field is memorably scary.

SITKA IS SITUATED THREE HUNDRED MILES AWAY, separated from the open Pacific by a reef of islets. One-third of Juneau's size, Sitka sprawls across an emerald setting of forests and bays, warmed by the Japanese current. Founded by the Russian-American Fur Company in 1804, Sitka exhibits both Russian and native Indian cultures. A handsome Russian Orthodox Cathedral dominates the downtown district. When the Cathedral was threatened by fire in 1966, valuable icons and artworks were rescued by brave Sitkans who later restored the Cathedral according to its original plans. Newly restored is the Bishop's House, displaying period furnishings. Only the ruins of the Russian fort remain on Castle Hill, but the splendid 360° view inspires photographers.

The Sheldon Jackson Museum and Sitka National Historical Park display artifacts from Southeast Alaska's Indian groups—Tlingit, Tsimshian, Haida—not just totems but intricately carved board game pieces, original longhouse planks, ancient jewelry and clothing.

Surprising in this remote location, the Sitka Music Festival attracts chamber music fans each June. Concerts are held in Centennial Hall, a dramatic facility where the stage is framed by ceiling-to-floor windows, making the scenery a part of the aesthetic experience. The unusual aspect of the festival is that world-renowned musicians play free, receiving only travel expenses and considerable hospitality. The festival's founder, the famous Anchorage violinist Paul Rosenthal, simply fell in love with Sitka and asked professional colleagues to join him there.

From chamber music in town to elementary survival is but a step away. On some islands, brown (grizzly) bears rule, so hikers must take care and make a lot of noise. Soaring eagles are a common sight in Southeast. By charter boat or floatplane, you can be totally alone with only the wildlife as your companions. Of course, there are good fishing spots everywhere and quaint hotels in tiny settlements.

Staying on the same Alaska Marine Ferry for the roundtrip of the Inside Passage brings you back to Seattle on a Friday morning, one week to the day after your departure. Some travelers prefer to fly Alaska Airlines in one direction, taking their fill of visiting the ports on one sweep of the ferry. In that case, you should be aware that the large ferry serving Seattle usually visits Sitka only on the southbound trip.

JoAnn Roe *is a frequent contributor to* AMERICAN WEST *and a number of other national magazines.*

WHEN YOU GO

Alaska Marine Highway System: *Call toll-free within the United States 800-642-0066. Or call Juneau office at (907)465-3941. Write to them at P.O. Box R, Juneau, Alaska 99811.*

Sample summer fare, one way Seattle-Skagway, $214; berth extra $175 to $299 per adult (depending on accommodations). Meals extra. Passes for Senior Citizens and handicapped persons are available (for passage only) with certain restrictions between Alaskan ports. Effective October 1, 1989, Bellingham, Washington, will be the southern terminus for the Alaska Marine Highway System, instead of Seattle.

Cabin has bedding, towels, shower. Cafeteria, cocktail lounge, gift shop. Unlike cruise lines, the Marine Ferries do not have travel packages. Author suggests you fly to a city in Southeast, then board ferry to another town, spend two or three days, board the next ferry, and so on—a nice, gypsy way to see the places.

The Marine Highway System also has separate schedules serving the southern coast of Alaska from Valdez to Dutch Harbor in the Aleutians.

What to wear: *Southeast Alaska is rainy, but rains come and go. Temperatures are often not above 60°. Layered clothing with a wool shirt or sweater, lightweight, stowable rain gear, rubber-soled shoes (leather soles are slippery in the rain). Casual clothes go anywhere. Take mosquito repellant and sun block—summer sun gives horrific sunburns with water and snow reflections. Carry along anti-seasick pills. Keep luggage weight down; you carry your own, and space is limited aboard ferries. Bring tolerant disposition for weather-induced variables.*

Alaska Division of Tourism, *P.O. Box E-301, Juneau, AK 99811. Tel. (907)465-2010.*

Southeast Alaska Tourism Council *(907)586-4777.*

Alaska Airlines 800-426-0333. *Sometimes has weekend packages—lodging at Baranof Hotel in Juneau, and air fare. See your travel agent for packages.*

Alaska Air Tours & Excursions *(Gray Lines of Alaska) has packages such as fly to Juneau, take ferry to and from Skagway, fly back. 800-544-2206.*

BC Ferries: *You may want to begin your trip north by seeing the sights on beautiful Vancouver Island. If so, you may take a BC Stena Line vessel from Seattle to Victoria, B.C. After your stay, you may board a BC Ferry at Port Hardy on the northeast coast of the Island, and travel up the Inside Passage to Prince Rupert, where you may transfer to an Alaska Marine Highway Ferry. Info for BC Ferries: write to them at 1112 Fort St., Victoria, B.C., Canada V8V 4V2. Tel.: in Seattle (206)441-6865, in Victoria (604)386-3431. Info for BC Stena Line: write to them at Pier 48, 101 Alaskan Way South, Seattle, WA 98121. Tel.: in Seattle 800-962-5984, in Victoria (604)388-7397.*

Frederick Hambly Oil 24 x 36

FINE ART

American Color.

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FANCY DUDS

PHOTO BY JEANETTE HOTCHKISS

Indian Beadwork Sparkles on Sports Shoes

Melody Lightfeather enjoys being an artist of today while holding onto her rich heritage. Part Pima Indian, part Pueblo, and part Hispanic, Lightfeather has been praised for her spiritual, interpretive paintings as well as her jewelry, and now her entrepreneurship. She is using the knowledge of beading she learned from a Sioux woman twenty-three years ago to create unique designs on leather sports shoes.

Transferring the traditional symbols seen in her paintings onto shoes, Lightfeather uses glass and seed beads to bring about a transformation—the shoes are no longer just utilitarian; they shine and sparkle, and speak about the wearer. During an interview Lightfeather finds out what colors and designs have meaning for each customer. She allows her intuitive feelings free rein when she works on the design—first sketching it and then transferring the design to the shoes.

Because of the demand and the time required to complete one pair of the fancy shoes, Lightfeather can no longer do the decoration herself. So, she has taught craftspeople on the Navajo reservation in New Mexico how to do the beading. (She is excited that her designs bring employment to the people of the reservation.) It takes a craftsperson from two to eight weeks working four to five hours a day to bead one pair of shoes. Lightfeather's custom designed and beaded shoes are priced from $500 to $2,500 per pair.

Melody Lightfeather's art and beaded work can be seen and ordered at Totally Southwest Inc. in Tucson, Arizona; Indian Land in Scottsdale, Arizona; Cactus, Inc. in Livingston, New Jersey; and in Albuquerque, New Mexico, at Joan Wagner Gallery and at Pats' Place. Interested readers may write to Lightfeather at American Indian Marketing Services, 114 Amherst, S.E., Albuquerque, NM 87106.

On the road at fourteen

The author is pictured soon after his sixteenth birthday in the mid-1930s on a visit home in Oklahoma. He is shown with his aunt, Lois Mitchell, and his small cousin, Cloyce.

COURTESY THE AUTHOR

HOW I LIVED DURING THE GREAT DEPRESSION

by Royce Q. Holland

HAVING NO FATHER IN THE THIRTIES, THE WORST OF the Great Depression, I traveled from Oklahoma to southwest Texas where I worked on the Angora goat farms. This was from the time when I was a kid of fourteen years on up through my teens. I was small for my age, and I could not hold a man's job in heavy ranch work, such as bucking hay bales and bulldogging cattle. This put me on the road.

I learned some unbelievable methods to provide enough protein to sustain me. The bakeries sold what they called "day-old" bread, cakes, and (I especially remember) glazed doughnuts. It was a merchant's fallacy. They were a week old if a day. But still, they were very consumable.

I think you measure good quality by how hungry you are. Did you know that you can strip wild oats from the roadside, boil them in a tomato can, strain the mixture through burlap, and have a milky type very rich soup? And did you know that if you had only sixteen cents in those days, the wisest purchase was a peck of Irish potatoes? You could boil them two at a meal and live several days, not hungry.

I remember once I ran out of salt. I went into a roadside cafe, and while drinking a glass of water (I told the lady that I was waiting for the bus), I emptied a salt shaker into my pocket. The next morning I found a jackrabbit on the road. It was still fresh, having been hit by the train that night. I stripped off most of its meat and had meat and potatoes for two days. Two days were about the limit for fresh meat in a knapsack, in that Texas sun.

It took courage to enter a farmer's cow pen and milk out a cow. But again, courage relates to how hungry you are. Ears of corn were fine, but few people know that the boiled pith of the stalk is sweet and quite nourishing. Any cane patch was a great blessing. No! I never stole the traditional chicken. The southwestern Texas farmers guarded them carefully, and they had packs of dogs. An orchard was always a good find.

I worked some on the coastal schooners along the Mexican coast and around Brownsville. I was never hungry in Brownsville. The shrimp fishermen gave away what they called "garbage fish"—the fish tangled in their shrimp nets. They didn't have a need for them, except for the few they took to their families. They gave me all I wanted. I boiled them in seawater. The names of those fish are to this day unknown to me, but I see them in the markets now. The Mexicans taught me to eat sea kelp. The Japanese now get all the credit, but the Mexicans on the coast could give them a run for their money.

To understand how we had to live on the road, one must know the situation. Millions were out of work. There were few cars on the road. There were no freeways, and there was no welfare. You ran fast through towns because the county seats were waiting for hobos to fill their road-work quotas. The poor guy caught on the road could be held forty-eight hours, not counting the day they picked him up, before they filed an official complaint. You could build ten miles of county road waiting for the Circuit Judge to get there.

Finding enough food was not the only problem that beset me on the road, especially because I was less than one hundred and twenty pounds. Some "Knights of the Road" were very aggressive. Believe me, when some of the others saw a bully having fun teasing me, they usually emerged one by one to share the joke on me. I was in for a long hard trip. I had to handle the problem before the problem handled me. Now, in theory, there were two ways to handle the problem. One was to outrun the aggressor. But since I weighed so little, my legs were not long enough for a distance runner. And I quickly decided that Texas was not wide enough for me to outrun some of the big monkies who chose me. Therefore, I evaluated what other skills I possessed.

I had one talent that I reluctantly learned fighting my older brother. He weighed one hundred seventy pounds by the time he was fourteen. He was quite a bruiser. I've never known many in our county to choose him. He is now sixty-nine. Here is how I developed my unique skill.

Since he and I were the only males in our family (no father), I was "It" when he did his daily workouts. And work out we did. Sometimes we fought half a day at a time. Then my mother would flail our heads with her broomstick until we cleaned up the mess in the house and sometimes the barn. Sometimes we used the whole farmstead to settle our workouts. Daily workouts like this finally developed a certain skill in me—I learned to fight a big man. Most little men could lick me, but no one knew this.

I fought my brother a lot but never licked him. However, I noticed a change. I noticed that he chose me less often after I became quite skillful. Whatever I did was with tenacity, with the use of everything loose around the farm that I could lay my hands on. Another part of this skill was never to let it be over. My brother got to where he'd never go to sleep until he knew that I bore no grudges. I will never forget the horrified expression on his face one night when he awoke to see an eighteen-inch file-rasp vibrating in the old pine wall not an inch above his head. I had crawled in from the yard after a big brawl and hurled it like a circus knife-thrower.

It may be understandable then that on the road I always chose the biggest guy. One unforgettable time was on a goat ranch in southwest Texas near old Fort Stockton. My brawl with a Mexican had run far into the night. I was the only "gringo" in a camp of about thirty Mexicans. A "teasing of the Kid" had developed into a crisis none of them had seen before. None of them dared go off to sleep because they did not know who-all I was mad at. I spoke no Spanish then, nor did they speak English. Finally, in desperation the Mexican foreman sprang from his bunk still in his longjohns, leaped on his burro, and without chaps, galloped two miles through the thorny brush to summon the owner of the ranch—an aged army doctor, retired.

THE OLD DOCTOR ROARED UP TO OUR BRUSH SLEEPING lean-to and turned the bright lights of his truck on us. He pointed, "You and you, get on this truck." I was the last one he pointed to. He roared not too slowly back to the ranch house. He took me first inside his immaculate office. It was hard to believe how beautiful that house was. He had the biggest radio I had ever seen, even in the catalog. He sat me down. "What are you fellows fighting about?" he asked angrily and waited impatiently for my answer.

I was not being disrespectful, but for the life of me I could not remember what had started the brawl. He became very irate and sent me out and called in my opponent. Shortly he called me back inside. He almost went out of his head. He pointed a finger in my face and yelled, "You are not a

fighter. You are a damn feuder. Why don't you let it be done? Your face is so swollen you have to pull your eyes open to see." He pulled up my work jumper and felt my bruised ribs (this tall Mexican was also a stomper). "And I think you have some broken ribs." He spun me around facing the tall Mexican. " Look at this man—he hasn't got a scratch on him."

I was discouraged because I thought I'd hit him in the face several times. But my arms were short, and perhaps I'd missed him every time. Another thing, the Mexican kept asking his buddies to stop the fight. This gave me the illusion that I was winning.

The old doctor folded his arms, paced the floor, and called in his beautiful Spanish wife to translate. "You two pick up your bedrolls and head for that road over there." He pointed to the south where there was a Texas State highway about eleven miles away. "If you two can't have this fighting over with, I don't want you on this ranch," he said.

WHEN THE DOCTOR'S SPANISH WIFE TRANSLATED this, the Mexican commenced to cry. He was a family man, and jobs were scarce, and there was a lot of discrimination against Mexicans in those days. With tears rolling down his face, he knelt in front of the doctor's wife, pleading for his job. Through the translation he said, "Si, si, I will never fight again even if the gringo never stops. I will be as kind as our Blessed Mother of Christ."

The doctor turned to me, "Darn you, can't you let it be done?" He stood and glared at me. When I am nervous, I trot my knee. That is, I let my heel go up and down, tapping the floor. "Why are you patting your foot?" he asked.

"I don't know," I said, "but sometimes I try to play the fiddle, and I think I just have the habit."

The doctor smiled and looked toward his wife. She laughed out loud. "Can't you let it go, gringo, like the Mexican has?" he asked again.

The Mexican showed happiness when I said that I could let it stop. The doctor laid me on the floor and wrapped wide tape all around my rib cage. The Mexican took a comb that the lady handed him with an order in Spanish. He commenced combing my hair. He combed out leaves, twigs, dirt, sheep-dip, and all kinds of strange things from my hair. It was very unruly, and I had not been near a barber for six months. The Mexican was really happy. He tenderly combed and combed, trying to smooth my hair down slick like theirs, all the way back to the truck. He helped me on board the truck, always looking back to make sure the doctor saw how tender he was with me.

Those Mexicans on the border were very comical, I thought, after years had passed and I could look back at the scene objectively. I served shipboard with a lot of them later when the war came on. They were comical but brave and fearless on a gun with you.

The doctor drove slowly as a hearse all the way back to our sleeping lean-to. This gave me time to reflect on my situation. I suddenly realized that my brother must really love me. I remembered his comments after Dad was put in the State Hospital: "We're in for a tough time. I'm big enough to handle it, but you are small, and you must be tougher than a pine-knot, or you aren't going to make it." (He reminded me that he uttered this witticism fifty years before Johnny Cash sang of a boy named Sue.)

I remembered too, that night, that my brother had never cut up my face like the Mexican. He could have done so any day. He once climbed a seventy-foot-tall pecan tree and pried me loose where I'd frozen with fear after looking down. He pried me loose and climbed down with me in his arms. I guess I just had a spell of growing up that night on the truck, to use one of Dad's old expressions.

I suddenly wished I were home. But I could not go home because it took every penny my brother and I made to feed our mother and three baby sisters. Those were starving times. Historians call it the "Great Depression."

We worked that job until fall, ending it by rounding up several thousand Angora goats. We sent hundreds of bales of mohair to San Angelo. The old doctor paid us two hundred and fifty dollars each. This was the first year I'd ever made that much money. The doctor stood on the truck and had his wife translate. "I'm giving the gringo fifty dollars extra," he said, "because by my pillaging his mail, I find he is sending all his money to his mother back in Oklahoma. He has no father." He hooked his fingers in my collar, pulled me onto the truck, and handed me the fifty dollars.

I was spellbound. I expected the Mexicans to explode into a lynching mob because I was still very slow at working the goats. I was a poor hand beside them. A long, long silence ensued. Then the Mexicans, to the last one, yelled like only Mexicans can yell. They threw their hats into the air, locked arms and danced, clapping their hands and laughing. Their laughter was in a very high tenor voice. It's a sound unique to the Mexicans. You can hear it in their folk music. I've had a very warm feeling for Mexicans since that day. The old doctor was a fine man. I pray that I can always keep an open mind as he did. I pray that if anyone ever brings a skinny gringo to me who hasn't the gumption to stop fighting that I can handle it with compassion.

I am not a fatalist. I sincerely believe that for the most part our country will be run by good and compassionate men. They seem always to keep coming, as they did during the Great Depression.

I am not the typical hobo. Once I got a chance, I lived better. I was injured in World War II, and I finished two degrees in college on the GI Bill. I am now a successful business man, and my two sons work with me. I tire them by telling how rough I had it. I really don't want them to have to strip raw jackrabbit. I just don't want any of us to forget how rough it *can* get. We must never forget where we've been.

Royce Q. Holland *reminisces about his early experiences from his home in Oklahoma City.*

PHOTO BY AUTHOR

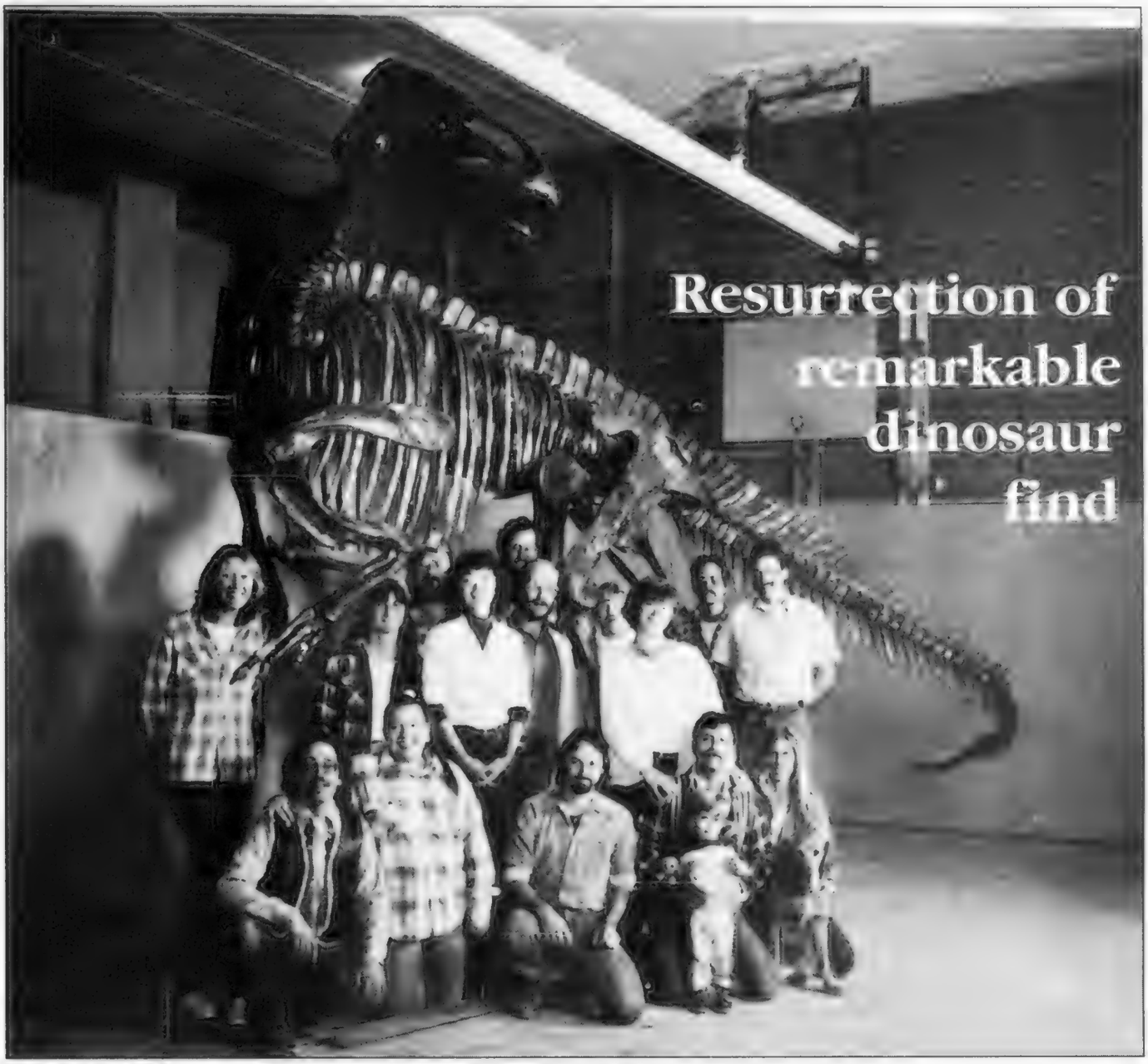
BONE DIGGERS FROM HILL CITY, SOUTH DAKOTA

by O. Richard Norton

I WAS JUST BEGINNING TO LAY SERIOUS PLANS FOR THE summer when the mysterious letter arrived. It was marked CONFIDENTIAL and looked serious indeed. Giving this communication due respect, I carefully opened the envelope and examined its contents. There was a map right out of *Treasure Island*. Crudely drawn freehand, the route would lead me to the secret treasure, a dinosaur fossil find of extraordinary richness and preservation. Secrecy was called for here. The find must be protected. I hastened to accept this invitation from the Hill City boys to participate in the "dig."

Three weeks later, my truck loaded with gear needed to maintain some semblance of a civilized existence, I headed east to the Black Hills of South Dakota. My thoughts wandered back several years to the time when I first met the remarkable Larson brothers at the 1980 Gem and Mineral Show in Tucson, Arizona. I remember walking into the large lobby of the Sheraton Pueblo Hotel just off the interstate and immediately being confronted by a pair of gaping jaws, the bones of a prehistoric monster, an eighteen-foot-long, perfectly preserved skeleton of a marine lizard, a mosasaur, from the Cretaceous period. Beneath the specimen was a modest sign that read "Specimen found and prepared by the Black Hills Institute of Geological Research, Hill City, South Dakota."

Opposite this hostile-looking creature was a room crowded with people. I gravitated over to the open door and entered. My familiar world vanished. I was suddenly propelled as if by H. G. Wells' time machine millions of years into the past: packed on every shelf around the room and on every available space on the tables and on the floor beneath were absolutely superb relics from the distant past. The very history of life was displayed before me in this wonderland of fossils. By a table near the entrance



COURTESY BLACK HILLS INSTITUTE

(Opposite) ***Pete and Neal Larson stand happily by a newly excavated bed of dinosaur bones at the Ruth Mason Ranch Quarry in South Dakota. Among the bones are three large femurs, a metatarsal, and an ischium.*** **(Above)** ***The dinosaur assembly crew of the Black Hills Institute of Geological Research, Inc., poses proudly in front of a completed Anatosaurus assembled for the National Museum of Wales.***

stood two lanky young men alive with excitement. One was crowned with a large white cowboy hat (always) and sported a healthy mustache. This was Neal Larson. His older brother, Pete, was taller and thinner, wearing a red plaid shirt (always) and looking a bit more academic in character. Surrounding them were several other young men, each with cowboy hat, mustache, and tee shirt with fossils imprinted and the Black Hills Institute logo prominently displayed. These were the Hill City boys, and they were in town to do business.

They looked for all the world as though they had stepped out of a Silver City saloon a century ago. But it didn't take me long to see behind the facade. Here were two of the most talented field paleontologists and fossil preparators in the country. They were renegades from academia. Most paleontologists find employment in the pristine sanctuary of the university or museum environment where they can carry on their research, write scientific papers, and apply for research grants. But this way of life was not to be for the Larson brothers. They had chosen a different path that broke ranks with the academic community.

Pete formed a small mineral business in 1974, the year he graduated from the South Dakota School of Mines and Technology. Three years later, Neal graduated from the same institution and joined his brother in the venture. Both had a deep passion for fossils. In 1978 they purchased the old city auditorium in Hill City, South Dakota, a relic of the WPA, circa 1938. They gave this building new life and a new name as the location of the Black Hills Institute of Geological Research. Within this cavernous building, dinosaur bones, exhumed from the rocks that entombed them millions of years ago, are painstakingly and lovingly pieced together. And startlingly beautiful iridescent ammonites come to life under the skillful hands of these scientists/artists. In this building the Larsons have provided the world with some of the finest fossil specimens the Earth has to offer.

This was my landmark. I was scheduled to meet Pete and Neal at the Institute, ready to drive the one hundred or so miles to the dinosaur quarry. The morning came, and it was hot in Hill City, a portent of things to come. The Badlands are not for the faint of heart. We headed northeast to Rapid City, twenty miles away, and stopped at a supermarket to load up supplies for the crew at the site. That done, we turned north from Rapid City, heading out of the Black Hills country and onto the prairie grasslands.

THE SPARSELY GRASSED ROLLING HILL COUNTRY looked parched. It was humid and well over 100°. We turned east to the small town of Faith and then north again along a gravel road that soon dissolved into a wagon trail across the hills. Pete told me that we were now on the Ruth Mason ranch, the final resting place of the dinosaurs. We were heading for the ranch to pay our respects to Ruth Mason who is now nearing ninety years. Soon I would meet an aging pioneer whose parents helped settle this difficult land. Pete briefly related the story of the discovery of the Ruth Mason dinosaur quarry.

Shortly after the turn of the century, Ruth Mason was wandering the hills of her father's ranch as a child of seven when she found bones weathering out of a bluff a few miles from the ranch house. Through the years that followed, she took increasing notice of the "bone bed" right in her backyard and made numerous attempts to interest researchers in her find. But without success. No one seemed to care enough to investigate this unlikely tale from a rancher on the prairie.

Finally, in the spring of 1979, the Larson brothers heard about the bones and made the most fortunate decision of their professional lives. They investigated the site and were astounded at the discovery Ruth Mason had made. Here, near the channel of the Moreau River in a bluff cut by the river, exposing the sandy base of the Hell Creek Formation, was the graveyard of what appeared to be hundreds of dinosaurs. Their bones were completely disarticulated and scattered one upon another. In one bed about eighteen inches thick, bones were found almost everywhere the Larsons probed with a digging knife. It was immediately apparent to the brothers that this was a find of major importance. At long last, after eighty years, help had finally arrived for Ruth Mason. The digging operations have been going on quietly since that time.

We stopped by the ranch house, and I met Ruth Mason.

WHEN YOU GO

The following are considered excellent places to view up-to-date presentations of dinosaur fossils. Enquire regarding hours and some admission fees.

Dinosaur National Monument
In northeastern Utah and northwestern Colorado, the Monument may be approached from Dinosaur, Colorado, or Jensen, Utah, both on U.S. Hwy 40. For free brochures and information, write to: Dinosaur National Monument, Box 101, Dinosaur, CO 81610. Tel. 303/374-2216

Denver Museum of Natural History
City Park, Denver, CO 80205. Tel. 303/575-3872

Museum of the Rockies
Montana State University, Bozeman, MT 59717. Tel. 406/994-2251

Museum of Natural History
1801 Mountain Rd. NW, Albuquerque, NM 87194-7010. Tel. 505/841-8837

University of Nebraska State Museum
Morrill Hall, 14th and U Sts., Lincoln, NE 68588. Tel. 402/472-3779

Natural History Museum of Los Angeles County
900 Exposition Blvd., Los Angeles, CA 90007. Tel. 213/744-3414

Tyrrell Museum of Paleontology
Box 7500, Drumheller, Alberta, Canada T0J 0Y0. Tel. 403/823-7707

BOTH PHOTOS BY AUTHOR

(Above) ***On the South Dakota prairie, a crew from the Black Hills Institute prepares to work at the dinosaur quarry on the Ruth Mason Ranch. The dark band is the Hell Creek Formation, where the bones were found.*** **(Right)** ***As a child, Ruth Mason discovered the site of the dinosaur quarry on her family's ranch.***

She was genuinely happy to have visitors, especially the people from the site. We sat with her briefly, drinking ice tea and chatting about the humid, hot weather, and heard her impressions of the dig. Every day as she watched the excavation's progress and could see the astonishing results of that labor, the significance of her discovery was renewed in her mind. It remains a happy climax in her long life. With the promise of a later visit, we left this gentle pioneer and continued our rambling over the sea of unending hills.

Finally, we ascended one high hill and looked down into a small valley cut by the Moreau River—and there it was. From my vantage point, I could see the cut banks of the river. On my left were the exposed cliffs of the Hell Creek Formation, a geologic structure well known for its wealth of dinosaur remains. It was now the hottest part of the day, about 110° in the shade, and the sun fell with full force on the quarry. The "bone pickers" were working under sun shields that they had erected over the exposed face of the cliff. They were glad to see us. We had the cold beer.

The scene at the quarry was like nothing I had ever experienced. Here, about ten people wielding long-bladed knives gingerly probed the bank for bones. Scattered along the ground were dozens of bones painstakingly uncovered inch by inch. They were not petrified or mineralized but were the real bone. They were brittle and exceedingly fragile and had to be cemented together in situ while they were being quarried. I gained great respect for these dedicated people through the days I was there. Their patient perseverance under the most trying conditions was a testament to their commitment. The experience alone was their pay. Digging for dinosaur bones is dirty business. You sit or kneel for hours with pick and probe trying to rescue a delicate rib or vertebra from the resisting rock. You remove the overburden, clean and repair the exposed section of bone, always seeking the end of the bone that lies hidden somewhere within the rock wall. At the same time, you fight to keep the sweat out of your eyes. I was there only a few minutes when one of the diggers handed me a probing knife and made a position by the bank. Now, it was my turn to be initiated into this unique club of bone pickers. The almost casual way in which they "welcomed" me to their trade seemed to say, "There will be no onlookers in this outfit!"

THE IDEA WAS TO PROBE THE SEMICONSOLIDATED siltstone layers of the bone bed with a long knife until you heard or felt a crunch. That was dinosaur bone being punctured. (In the days that followed, that sound never ceased to make my skin crawl.) You then carefully teased away the silty soft stone from around the bone and gradually exposed the prize. My first contact with bone came within ten minutes of probing. What a thrill it was to discover a bone from a creature that had roamed the land over seventy million years ago. I worked the rest of the afternoon and part of the next day to uncover my find. It turned out to be a scapula, the "wing" bone on the back, which is the shoulder blade on a human skeleton. The bone was extremely fragile, and Pete showed me techniques that he and his people have perfected to cement the fractured bones in place before any attempt is made to dislodge them from their resting places. The bones are covered with a thin superglue that has remarkable penetrating powers. This glue assures that the bones will not fall apart while you're digging them out. All of the stone is scraped away leaving only a pedestal of stone beneath the bone to support it. The bone is then covered with paper and aluminum foil and stiffened with a layer of plaster forming a protective cast. When the plaster hardens, the siltstone pedestal is undercut and the bone carefully removed.

After several days of digging, dozens of bones had been removed from the quarry. They were carefully numbered for later cataloging and loaded onto a truck for the trip to the laboratory in Hill City. Just a cursory inventory of the bones recovered over the week I was there told me that they represented not one or two animals but many. Back in Hill City shelved and ready for processing, repair, and assembly, were hundreds of bones from the quarry, the bounty of many summers. This quarry did not represent just a few isolated dinosaurs that died alone beneath the skies of some ancient time. A herd of at least three hundred or more great beasts died here. So, seventy million years ago in a lush swampy sequoia forest close to the shoreline of a receding Cretaceous sea, a great herd of duckbilled dinosaurs called Anatosaurus annectens was, over a short period of time, exterminated. Whether they died all together is difficult to say. Operating over dozens or even hundreds of years, the river system could have transported them one by one to the sea and deposited them together on a sandy coast. Oceanic sediments of the Fox Hill Formation interface with the Hell Creek continental sediments at the site.

Or a great herd could have been trapped on a spit of land during a violent hurricane that led to a mass drowning. Many scenarios can be imagined that could have resulted in the end of the dinosaurs. After their death, their remains were fed upon by carnivores. This could explain the sharp, pointed carnivore teeth found at the site. (Bones and teeth of many kinds of dinosaurs have been found by the Hill City diggers at the Ruth Mason quarry, including the fierce carnivore Tyrannosaurus rex.) After the bones were picked clean by the scavengers, they were further scattered and jumbled one upon the other by flooding streams that eventually covered them with silt and sand, the beginnings of the Hell Creek Formation. There the bones rested, protected from the elements for millennia, waiting patiently for the Hill City boys to raise them from their earthly tombs and give them a place among the living.

Excavating the bones of these great animals is only the beginning of a long, complex procedure required to resurrect them to their original stature. The bones have to be identified and carefully restored to their original shape. Dinosaur builders are a curious breed. They are a rare mixture of artist, craftsman, and scientist, with the patience

BOTH PHOTOS BY AUTHOR

(Above) ***At work on the Hell Creek Formation are Jon Christians, Pete Larson, Sarah Larson, Neal Larson, Terry Wentz, and Robert Roberts.***
(Right) ***Pete Larson applies a final wetting to a plaster cast around a fibula, which has been previously cleaned, soaked with superglue, and wrapped in protective aluminum foil.***

of a saint, the eye of a skilled surgeon, and the brawn of a cowboy. The restorers must be competent anatomists, skilled in recognizing the bones of many animals, living and extinct. They must be talented sculptors to repair the bones and mold them into the correct shapes in close juxtaposition with adjacent bones.

Never are all the bones found for an individual animal. A completed skeleton is usually a composite of the bones of several dinosaurs of the same species. If bones are missing, it is necessary to construct man-made bones that have the precise shape and size of the real thing. I remember my disappointment when a paleontologist once told me that the dinosaur skeletons in most museums of the world are made of only about thirty percent real bone. The rest is man-made. This statistic makes the dinosaurs from the Ruth Mason quarry even more significant. Full dinosaur mounts from that quarry are made of about eighty percent real bones.

BACK IN HILL CITY THE BONE DIGGERS BECOME RE-storers. The Black Hills Institute is the only place in the world that can supply a dinosaur virtually on demand. Their job that summer was to excavate, repair, and assemble an accurate and complete mount of Anatosaurus for the National Museum of Wales in the United Kingdom. And they had six months to do it. Under normal circumstances, this schedule would be quite impossible for any research museum to meet, regarding both time spent and funds expended. As a commercial enterprise, the Institute has the manpower, expertise, and resources to get the job done, as I witnessed so vividly that summer.

Through the days at the quarry and back at the Institute, I was constantly aware of a frustrating burden under which these people worked. I fully recognized that the Larson brothers were mavericks in the profession. Commercialism in the sciences tends to be frowned upon by professionals in academic circles. Yet historically, there have always been close ties between commercial collectors and paleontologists. Today as in the past, the academician reaps substantial benefit from the work of dedicated and knowledgeable people like the Larson brothers. Universities and museums throughout the world depend heavily upon the skills and dedication of these fossil hunters to supply classrooms and laboratories with materials for teaching and research, not to mention the important discoveries they frequently make in the process.

I needed to resolve this dichotomy in my own mind, and the best way to tackle the issue was to speak to the "other half," the researcher. I called Dr. Donald Wolberg, State Paleontologist at the New Mexico Bureau of Mines and Geological Survey. He knew the Larson brothers and their work and had visited the Mason quarry early in the excavations. "The work at the Ruth Mason quarry is a good example of the beneficial ties between the collector and the research paleontologist," he was quick to point out. Substantiating the importance of this find, he continued:

> Most researchers concentrate their attention on the upper Cretaceous rocks close to the Cretaceous/Tertiary boundary where the dinosaurs suddenly disappear from the rocks. That's where the action is today. But the Larsons are digging at the base of the Hell Creek Formation, a geologic column that represents life several million years earlier than this disputed boundary. Little research has been done at this earlier time. Few such sites are known, and probably no other with such well-preserved fossil material.

Here at the Ruth Mason quarry was an opportunity to fill in an obvious blank spot in our understanding of Earth history. Only after many years of excavation and study would the true significance of the site be known. This is one of those forefronts in science that reveals its secrets only reluctantly. Wolberg was excited with the potential of this site and stressed the unique opportunity that museums and researchers have to acquire fossils from this little-known period in geologic history. It doesn't seem to matter who is collecting and studying the material. The important thing is that it is being carefully excavated and recorded by professionals.

While I was sitting out under the stars at the campsite in the Badlands, I asked Pete what compelled him to choose this unlikely profession. "How much easier life would have been along the straight and narrow road of academia," I mused. Pete thought for a moment, and then his heart spoke that night.

> You're right, I suppose. We work from sunup to sundown, putting in horrible hours, sometimes in unbearable heat or cold, digging ditches, breaking rocks, or performing some intolerable tedious task, for a pitiful salary. And yet, I doubt that there is a more satisfying job. For many reasons, we feel exceedingly good about what we do. There is nothing to compare with the joy of discovery. When I break a rock and discover a fossil inclosed in sediments laid down millions of years ago, I know that I am the first person ever to see this evidence of life's past. I have this uncontrollable desire to share this fossil and its story with others.

But the real importance of the Larsons' work goes beyond the personal satisfaction that Pete spoke of that night. Don Wolberg summed it up in a few simple words, "In almost all circumstances, the only adequate protection for a fossil is collection." So the final result of this labor is the protection and preservation of life's history on Earth. It is, in essence, our own ancient heritage the Hill City boys are preserving.

O. Richard Norton *is an astronomer by training and is founder and president of Science Graphics, a company that designs science teaching materials in Bend, Oregon.*

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WESTERN BOOKS IN BRIEF

These books may be purchased from your local bookstore. AMERICAN WEST does not sell them.

The Vanishing Race: Selections from Edward S. Curtis' *The North American Indian*, *ed. M. Gidley (Univ. of Washington Press, Seattle, 1987; illus., index, 192 pp., $14.95 paper).*
First paperback edition of Mick Gidley's selections of text and photos from Curtis' monumental, twenty-volume classic.

Tahoe Place Names: The origin and history of names in the Lake Tahoe Basin *by Barbara Lekisch, foreword by Richard H. Dillon (Great West Books, Lafayette, Calif., 1988; illus., biblio., 191 pp., $11.95 paper).*
"This book is as much about Tahoe Basin and Sierra Nevada biography as it is about history, geography, and natural history," concludes Richard Dillon in his foreword.

The Tenderfoot Bandits: Sam Bass and Joel Collins, Their Lives and Hard Times *by Paula Reed and Grover Ted Tate (Westernlore Press, Tucson, Ariz., 1988; notes, biblio., index, 278 pp., $18.95).*
Based upon some newly found evidence, the story is retold of two tough sodbusters and their entrance into cattlemen's wars and feuds, horse racing and gambling, and their ultimate life of crime.

The History of the Sierra Club, 1892–1970 *by Michael P. Cohen (Sierra Club Books, San Francisco, 1988; biblio. notes, index, 550 pp., $29.95).*
In his lively account, prize-winning author Cohen explores the Sierra Club's dramatic evolution from a Western "Alpine Club" to a national political force.

22 Days in California: The Itinerary Planner *by Roger Rapoport (John Muir Publications, Santa Fe, N.Mex., 1988; 137 pp., $6.95 pocket-size paper).*
22 Days in Hawaii: The Itinerary Planner *by Arnold Schuchter (John Muir Publications, Santa Fe, N.Mex., 1988; 129 pp., $6.95 pocket-size paper).*
Everything you need to know to enjoy California and/or Hawaii: daily plans, restaurants, lodging and camping recommendations, sightseeing, driving directions, practical travel tips, festivals, and other events.

The People's Guide to Mexico: Wherever You Go . . . There You Are!! *by Carl Franz (John Muir Publications, Santa Fe, N.Mex., 1988; appen., index, 587 pp., $14.95 paper).*
Here is the latest revised and updated edition of this highly praised guide to Mexico. It includes everything, plus amusing and informative anecdotes.

The Last Best Place: A Montana Anthology *ed. William Kittredge and Annick Smith (dist. by Univ. of Washington Press, Seattle, for Montana Historical Society Press, 1989; illus., biblio. notes, 1182 pp., $39.95).*
An imposing collection of literature about Montana, this volume ranges from American Indian tales, journals of exploration, accounts by early pioneers to works by contemporary writers.

Phoenix: from Legend to Reality *by Michel F. Sarda (Ralph Tanner Assoc., Inc., Phoenix, 1988; color illus., index, 136 pp., $50).*
This handsome, large-format volume presents Phoenix in striking photographs. Text is minimal.

Proud Moments: Generation to Generation, *text and photos by Howard Rainer, foreword by Frank Waters (Beautiful America Pub. Co., Wilsonville, Ore., 1988; color illus., 156 pp., $39.95).*
Rainer gives us a striking, large-format volume with over 120 full-color portraits of North American Indians and their lands. A Taos Pueblo Indian, the photographer/author presents his subjects with sensitive understanding.

Custer, His Life, His Adventures: A Photographic Biography, *text and photos by Bill and Jan Moeller (Beautiful America Pub. Co., Wilsonville, Ore., 1988; color illus., maps, biblio., 144 pp., $34.95).*
Custer aficionados will appreciate this handsome, oversized book aimed at presenting facts shorn of myth. Custer's biography is presented in expanded captions accompanying full-color photos of sites where important events in the general's life occurred.

Kinsey, Photographer: A Half Century of Negatives by Darius and Tabitha May Kinsey/Vol. III: The Locomotive Portraits *by Dave Bohn and Rodolfo Petschek (Chronicle Books, San Francisco, 1988; b/w illus., 143 pp., $19.95 paper).*
These wonderful photos of steam locomotives taken between 1890 and 1940 are now available in paperback. Text includes historical details and amusing anecdotes.

The Harvest Gypsies: On the Road to the Grapes of Wrath *by Charles Wollenberg (Heyday Books, Berkeley, Calif., 1988; illus., 62 pp., $7.95 paper).*
In 1936 John Steinbeck wrote seven newspaper articles about migrant farmers during the Dust Bowl migration to California. Those emotion-laden pieces, which later provided the factual foundation for *The Grapes of Wrath*, are collected in this slender volume.

Southwestern Indian Baskets: Their History and Their Makers *by Andrew Hunter Whiteford (School of the American Research Press, Santa Fe, N. Mex., dist. by Univ. of Washington Press, 1988; illus., appen., index, 219 pp., $18.95 paper, $35.00 cloth).*
Baskets served many functions for ancient southwestern peoples—storage, cooking, and holding water. Professor Whiteford explores tribal history and culture and explains design, form, and technique that made these utilitarian baskets possible. Particular attention is given to basketmaking today, an art form and a livelihood.

John Muir In His Own Words: A Book of Quotations *compiled and edited by Peter Browning, (Great West Books, Lafayette, Calif., 1988; index, 98 pp., $9.95 paper).*
Arranged chronologically, these excerpts from Muir's journals reflect the changes in his philosophy and style with the passing years. From a young man searching to know himself, he became an ardent conservationist and social critic.

We Swam the Grand Canyon: The True Story of a Cheap Vacation that Got a Little Out of Hand *by Bill Beer (The Mountaineers, Seattle, Wash., 1988; illus., 171 pp., $15.95 cloth).*
With a lighthearted approach, Bill Beer recounts his and John Daggett's hazardous adventure on the Colorado River. In 1955, these two young men swam down the treacherous river for 280 miles from Lees Ferry to Pierce Ferry. Film of their twenty-six-day experience was incorporated into a movie.

The Witch of Goingsnake and Other Stories *by Robert J. Conley (Univ. of Oklahoma Press, Norman, 1988; 165 pp., $17.95 cloth).*
Based on Cherokee Indian history, oral storytelling, and personal experience, this collection of stories by Robert Conley, a Cherokee raised in Oklahoma, tells how the tribe's cultural characteristics have survived centuries of change, and how the tribe struggles to find a place in the white people's world.

Views of Texas 1852–1856: Watercolors by Sarah Ann Lillie Hardinge, Together with a Journal of Her Departure from Texas *with introductions and captions by Ron Tyler (dist. for the Amon Carter Museum by the Univ. of Texas Press, Austin, 1988; illus., notes, index, 76 pp., $19.95 paper).*
Hardinge lived for four years in pre-Civil War Texas, recording her impressions in writings and colorful, charming watercolors. Historical context is added through the introduction and captions to the paintings.

Devils Tower: Stories in Stone *by Mary Alice Gunderson (High Plains Press, Glendo, Wyo., 1988; illus., index, 144 pp., $9.95 paper).*
This historical approach to the Tower, a geologic wonder of rock that juts skyward

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in northeastern Wyoming, combines facts and fascination from geology and Indian myths to films and tribal lawsuits over ownership. Exploration, media events, and classic climbs help to illuminate the mystique of this formation in an easy-to-read style.

Wild Towns of Nebraska *by Wayne C. Lee (Caxton Printers, Ltd., Caldwell, Idaho, 1988; illus., biblio., index, 147 pp., $14.95 paper).*
In this over-sized volume the author uses down-home language to characterize ten of Nebraska's early towns. Startling histories reveal tough men and women who lived in the midst of violence and greed, rather than law-abiding peace. Homesteaders, ranchers, trappers, and Indians wanted the land for different purposes.

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Dinosaurs of the West *by Ron Stewart (Lone Pine Publishing, Edmonton, Alberta, and Mountain Press, Missoula, Mont., 1988; illus., glossary, 144 pp., $14.95 paper).*
In non-technical language this slim book transports the reader through geologic time to the lost and mysterious world of the dinosaurs. Amid interesting color drawings and pictures of skeletal finds, controversial issues—the debate about the means of their extinction and whether they were warm- or cold-blooded—are discussed.

Southeast Alaska *by Nancy Simmerman (Graphic Arts Center Publishing Co., Portland, Ore., 1988; color illus., 160 pp., $19.95 paper, $32.95 cloth).*
Awe-inspiring photographs in this large-format volume take the reader on a captivating journey through the majestic beauty of the mountains, waters, glaciers, wildlife, and towns of the Alaskan panhandle.

Pages of Stone: Geology of Western National Parks & Monuments, 4: Grand Canyon and the Plateau Country *by Halka Chronic (The Mountaineers, Seattle, Wash., 1988; illus., glossary, index, 172 pp., $14.95 paper).*
The geology of national parks and monuments of the Colorado Plateau (covering parts of Arizona, Colorado, New Mexico, and Utah) is presented in an appealing, non-technical style. Natural history buffs will enjoy the many facets of plateau geology, accessible by foot or car.

Chinese American Portaits: Personal Histories 1828–1988 *by Ruthanne Lum McCunn (Chronicle Books, San Francisco, 1988; illus., biblio., index, 176 pp., $16.95 paper, $29.95 cloth).*
Lively profiles of the accomplishments of Chinese Americans are a testimony to human perseverence and strength in overcoming adversity. A combination of history, biography, politics, and ethnic studies, the charming portraits in this oversized volume are sobering and inspiring.

Collecting the West: The C. R. Smith Collection of Western American Art *by Richard H. Saunders (Univ. of Texas Press, Austin, 1988; color and b/w illus., biblio., index, 212 pp., $35.00 cloth).*
Each painting and sculpture beautifully reproduced in this large-format volume is accompanied by a short description of the

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piece and of the artist's career. An essay on the history of collecting Western art introduces the collection donated by C. R. Smith to the Archer M. Huntington Art Gallery at the University of Texas, Austin.

Sanpete Scenes: A Guide to Utah's Heart *by Gary B. Peterson and Lowell C. Bennion (Basin/Plateau Press, Eureka, Utah, 1987; illus., references, index, 144 pp., $14.95 paper).*
From years of exploring rural towns and landscapes, the authors have put together a guide of Sanpete County, Utah, that will appeal to anyone who enjoys the feeling of small towns. Delightful old photographs and written text offer views of the livestyle, culture, and heritage of Sanpete citizens.

Magpie Rising: Sketches from the Great Plains *by Merrill Gilfillan (Pruett Publishing, Boulder, Colo., 1988; biblio., 204 pp., $16.95 cloth).*
In his first collection of prose, Gilfallen portrays the essence of the Great Plains region in lyrical, humorous essays. The author's affinity for the vast area brings out its people, land, and history through a poet's perspective.

The Shortgrass Prairie *text by Ruth Carol Cushman and photography by Stephen R. Jones (Pruett Publishing, Boulder, Colo., 1988; color illus., appens., biblio., index, 128 pp., $18.95 paper).*
The shortgrass prairie (with grasses less than two feet tall) is the westernmost grasslands region of the vast Great Plains of America. Authors Cushman and Jones show the stark and subtle beauty of these grasslands in color illustrations and distinctive descriptions of the history, ecology, and life of the shortgrass region.

California Wild Lands: A Guide to the Nature Conservancy Preserves *by Dwight Holing (Chronicle Books, San Francisco, 1988; illus., index, 227 pp., $9.95 paper).*
For the backwoods explorer, this guide to the twenty-three, Nature Conservancy wilderness preserves in California gives descriptions of each tract, detailing topography and natural history. Not widely known, the areas are among the least disturbed in the state and home to many endangered species.

The Lincoln Highway: Main Street across America *by Drake Hokanson (Univ. of Iowa Press, Iowa City, 1988; illus., notes, index, 174 pp., $32.50 cloth).*
The story of the first highway linking the Atlantic and Pacific coasts is told in dramatic and poignant terms. The author documents the difficulties of the first automobile adventurers who drove on roads of ruts and waited days for repairs. Changes through the years in the American scene and the emergence of a mobile way of life are described.

Jack Longstreet: Last of the Desert Frontiersmen *by Sally Zanjani (Swallow Press/Ohio Univ. Press, Athens, 1988; biblio., index, 181 pp., $9.95 paper, $19.95 cloth).*
The life of Jack Longstreet is an Old West saga set in the harsh climate of the Arizona and Nevada deserts. Carrying a notched gun, he appeared in Arizona in 1880, a long-haired mysterious stranger. For the next fifty years, he roamed the these lands as a prospector, rancher, and hired gun.

Southern Arizona Folk Arts *by James S. Griffith (Univ. of Arizona Press, Tucson, 1988; illus., biblio. essay, index, 251 pp., $14.95 paper, $29.95 cloth).*
In this volume celebrating the diversity of cultures in the Southwest, the folklorist author focuses on publicly performed or displayed art. From Japanese to Polish to Hispanic, Indian, and Anglo, the culture and decorative arts are described in plain language with a scholar's perspective.

Badge and Buckshot: Lawlessness in Old California *by John Boessenecker (Univ. of Oklahoma Press, Norman, 1988; illus., notes, biblio., index, 347 pp., $22.95 cloth).*
Action-packed words bring out the California gold rush stories of ten of that state's lawmen and outlaws (with colorful names like Black Bart and Rattlesnake Dick). The author found that, contrary to myths, the justice system of those days was effective.

Steam in the Redwoods *by Lynwood Carranco and Henry L. Sorensen (Caxton Printers, Ltd., Caldwell, Idaho, 1988; illus., maps, biblio., 234 pp., $19.95 paper).*
Railroad aficionados will relish the black/white, historical photographs of steam engines. The accompanying history of logging transportation in the northwestern California redwoods, from horses to trains to trucks, gives a comprehensive look at the importance of steam railroading to the logging industry there.

From the Land of the Totem Poles: The Northwest Coast Indian Art Collection at the American Museum of Natural History *by Aldona Jonaitis (American Museum of Natural History, New York, N.Y., with Univ. of Washington Press, 1988; illus., biblio., index, 272 pp., $35.00 cloth).*
In an unusually handsome oversized volume, magnificent color plates of fascinating, beautifully preserved artifacts, black/white historical photographs, and informative text display this extraordinary collection. Jonaitis recounts the history of the art collection, its collectors, and the many tribes of the north Pacific region whose artworks came into the Museum's possession.

Range Wars: Heated Debates, Sober Reflections, and Other Assessments of Texas Writing (Southwest Life and Letters) *edited by Craig Clifford and Tom Pilkington (Southern Methodist Univ. Press, Dallas, Tex., dist. by Texas A&M Univ. Press, 1989; biblio., notes, index, 206 pp., $10.95 paper, $22.50 cloth).*
For readers interested in current books about Texas or by that state's authors, this collection of opinionated and lively essays documents controversies regarding the condition of Texas writing today.

People of the Troubled Water: A Missouri River Journal *by Nancy Mayborn Peterson (Renaissance House Publishers, Frederick, Colo., 1988; illus., biblio., index, 171 pp., $15.95 paper, $24.95 cloth).*
Published in large format size with pencil drawings of Indian and Western people and events, this intriguing collection of vignettes tells of the famous, the infamous, and the little-known people who lived by or traveled along the Missouri River as far back as 1673. The author turns to journals, diaries, and first-person accounts repeated through the years to paint her perspective of the opening of Western lands.

Family Travel Guides *a catalog prepared by Carole Terwilliger Meyers and Gene Meyers (Carousel Press, Albany, Calif., 1989; 32 pp., $1.00 paper).*
With family vacationing in mind, the Meyers have put together a catalog offering over 200 family-oriented travel guides, game books, and related articles available through mail-order. Each book is carefully described so that parents will have a clear idea of its merits.

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MOUNTAIN BIKING THE WHITE RIM TRAIL

by Beth Lamberson Warren

As I sat eating my lunch in the Utah sun, my thirteen-month-old daughter Kathrine clambered about my legs, a cookie in one chubby hand and a cracker in the other. Beside us, Sherrie attended to her two-year-old, helping him negotiate a straw in his boxed fruit drink. When lunch was finished, we tucked our youngsters into their car seats and strapped on our bike helmets. Getting on our mountain bikes, we bid the driver, my husband Scott, farewell and pedaled off with the others down the White Rim Trail, a jeep road in Canyonlands National Park. Responsible only to ourselves for a while, we moms were ready to ride.

Ordinarily, we wouldn't have thought to combine the rugged sport of mountain bicycling with family camping. But the White Rim Trail, in the northern part of the park, held great promise. A popular mountain-bike tour, the trail is eighty miles long. All but the hardiest cyclists require some type of vehicle support. We figured if we needed vehicles to haul our gear, we could include a few pint-sized passengers as well.

Finding a few friends with children to join us was no problem. We rounded up Rock and Sherrie with their two boys, plus Russ and Mary with their three kids. Our single friend, Mel, decided to come along, too. With a total of seven adults and six children, we set our sights on a four-day weekend. Aged thirteen months to ten years, the

A family trek in Utah's Canyonlands

children would ride in our two support vehicles, and the adults would take turns acting as chauffeur.

We started on a sunny Friday in April, descending to the Green River on the Mineral Bottom Road, and fell immediately under the spell of Utah's canyon country. This ride was our first foray of the year on mountain bikes, and it promised to be a surefire cure for spring fever. Once used for cattle, the White Rim Trail also provided an approach for uranuim explorers. Now within the confines of a national park, the trail is a rugged four-wheel-drive road that circumnavigates the Island-in-the-Sky. It provided plenty of difficult terrain for us on our fat-tired bicycles.

Our first-day's ride took us through sandy stretches of river-bottom country interspersed with gentle uphills on rocky terrain. We meandered beside the Green, riders strung out along the trail and the two vehicles bringing up the rear. Toward late afternoon a serious climb threw us our first challenge. Still fresh from a relatively easy day, I shifted into my lowest gear and began the ascent. Ever so slowly I climbed, letting the gearing of my bike compensate for my wimpy legs. On top, I paused for some deep breaths and a swig from my water bottle before the quick descent to our first camp.

Our site at the Potato Bottom primitive campground had been reserved in advance with the Park Service. While this bureaucratic arrangement seemed a little too official for a backcountry trip, the system works quite well and is needed to handle the ever-increasing number of visitors to this pristine desert environment. Setting up camp the first night was at times comical as we searched for our gear scattered between the two vehicles. We installed Kathrine in her port-a-crib (it folds down to a convenient-sized bundle), and she was content to hang out amidst the buzz of activity.

Sunrise on The Spur as seen from Potato Bottom. Mel, Rock, and Beth on the White Rim Trail.

The Green River was still our companion, though it was separated from our camp by a sprawling thicket of tamarisk. Above us to the east, Bighorn and Steer mesas reflected the late-day sun in brilliant hues. And just down the road we could see the actual start of the White Rim Formation, a continuous bench of light-colored sandstone that would be the ride's hallmark for the next three days. It would take us 1,000 feet above the Green and eventually the Colorado River, and about 1,200 feet below the mesa of Island-in-the-Sky.

The next day we were reminded that spring mornings can be cool in the desert, especially when the sun is vying for position with the massive landforms around your camp. In search of warmth we strolled down the road, with coffee cups in hand, until we slipped into the sunlight. Only breakfast lured us back to camp, but the sun soon followed. By a leisurely 10:30 we were on our way, but then this trip was not dictated by timetables.

As the White Rim began its climb above the river, we gradually made our way into Holeman Spring Basin, passing Candlestick Tower, one of the park's premier formations. Above us, we could see the Green River overlook. No doubt we were under the gaze of a few tourists enjoying the view. At lunch, as the two vehicles pulled in and the children began to mill about, a lone cyclist, fully loaded with gear, passed us by. He appeared slightly taken aback by our sizable party, and we in turn admired his solo effort.

Another mode of travel intrigued us even more as the unmistakable sound of a Volkswagen had all of us looking about with a surprised glance. Like something out of a Woody Allen movie, a battered, purple VW Bug sputtered across a sandy wash and rolled by, oblivious of our startled faces. We never saw it again, though we thought of it often along the more rugged stretches of the trail.

After lunch Mary and I rode together, sharing the funny stories and songs the kids had regaled us with during our turn as the morning drivers. For now, we could indulge in a long afternoon on our bikes. Scott had given me my bike as my first mother's-day present (motherhood definitely has its perks), and now I was working to improve my descent skills, riding instead of walking the tricky downhill stretches. I followed Mary closely on the downhills, while I could usually lead on the climbs. This helped both our riding styles, and we cruised along, enjoying the sun and the scenery.

All of this was a pleasant diversion from the real task at hand, a gradual assault on Murphy's Hogback, the halfway point of our trip and one of the hardest climbs. The final stretch put us on foot, but then hiking this pitch while pushing a bike was no easy trick. More exciting than our ride was watching the vehicles work their way up the cliff side. Although the children cheered the thrilling ascent, I watched with bated breath until Kathrine emerged from her car seat on top, all smiles. Our second camp was a few hundred yards down the road.

From camp we could take in 360° of desert scenery. To the west we could make out the intricate form of The Maze, a twisted and gnarled jumble of chasms that lie in a remote section of the park. The Chocolate Drops and Cleopatra's Chair were silhouetted in the evening light. Beyond them rose the Henry Mountains, a bastion of wildness as the last-discovered mountain range in the lower forty-eight states.

A few feet from camp lay a natural jungle gym of rocks

Clockwise beginning left top: ***Bikers Mel and Beth descend Murphy's Hogback, which had offered one of the hardest climbs on the trail. Rimrock on Murphy's Hogback is illuminated by the setting sun. Rock and Mel pause to appreciate the spectacular scenery along the White Rim Trail. After a busy day, Toby and Paul enjoy dinnertime in camp.***

and juniper trees, prime entertainment for our imaginative youngsters. Ten-year-old Jesse willingly endured the younger children's endless games. Even though he had ridden a good part of the day on his bike, he showed amazing energy around camp. We fed the kids first and then cut them loose inside one of the dome tents to play while we relaxed with our dinner. With all parental duties done for the moment, we claimed our reward for a tough day's ride—a calm dinner with a spectacular sunset.

The next day started with an exciting descent on the other side of Murphy's Hogback. Scott attacked it with his usual maniacal style, prompting Russ to ask me about his insurance status—life, not health. Mel and Scott were the strongest riders of the group; they used this third day to forge ahead in unabashed fashion.

This was Mel's first trip to Canyonlands, and his enthusiasm was infectious. He was quick to park his bike to take a closer look at the scenery, especially where the trail drew close to dramatic drop-offs, some over 500 feet. Lying on his belly, Mel would gaze over the edge.

One of the most dramatic areas we passed was the Monument Basin, carved out of the Cutler Formation that makes up the geology directly below the White Rim. Huge, dark red columns supported massive caps of White Rim rock, one of the many, stone, fantasy lands that comprise the park.

On our last day we broke camp early, but only in recognition of the twenty-five miles we still had to cover. Like a well-oiled machine, we all powered along in an alliance with our bikes and the magnificent land we had come to see. At lunch everybody lined up for the ritual group photo. Smiles were wide despite the inevitable end of our trip. Our four days of prowling the canyon country, challenging ourselves physically, with a bevy of happy kids along, had been special. Not everyone's dream vacation, it was certainly ours.

Beth Lamberson Warren *is a free-lance writer living in Colorado. She and her husband have recently co-authored a book about Victorian architecture in the West,* Victorian Bonanza *(Flagstaff, Arizona: Northland Press).*

WHEN YOU GO

The White Rim Trail is located in the Island-in-the-Sky District of Canyonlands National Park in southeastern Utah. It forms a loop trip that starts at either the Mineral Bottom Road or the Schaefer Trail, depending upon your direction of travel. A backcountry permit is required in order to insure backcountry campground reservations. This should be applied for well in advance by writing to: Canyonlands National Park, 125 West 200 South, Moab, Utah 84532 or calling (801)259-7164. Spring and fall are the best times to ride.

U.S. Highway 163 is the main route into Moab from both the north and the south. It comes up from Arizona in the south and connects with Interstate 70 to the north. U.S. 666 from Colorado and New Mexico intersects 163 southeast of Moab. The turn-off for the Island-in-the-Sky District is approximately 13 miles north of Moab (signed Canyonlands National Park), with the actual park boundary another 20 miles in.

The trail requires intermediate mountain-biking skills, a knowledge of basic bike repair, and a four-wheel-drive vehicle to carry your gear. Be sure your vehicle is equipped with a set of chains and a jack in the event of rain. Some sections of the road can be very challenging under wet conditions. If you plan to take turns driving, be sure everyone is comfortable handling the vehicle on a rugged jeep road. Beginning riders should have an experienced biker along for the ride.

Bikes can be rented in Moab from several shops. Essential bike equipment includes water bottles, patch kit, basic tool kit, and air pump. Bike helmets are a part of safe riding, especially in the backcountry. Bikes are allowed only on the roads in a national park.

Neither water nor firewood is available on the White Rim Trail. Water requirements are usually one gallon per person per day. The ride can be done in three or four days, four being the more comfortable when traveling with children. A first aid kit, sunscreen, and insect repellent are essential. Clothing should be chosen allowing for hot daytime temperatures and cool nights.

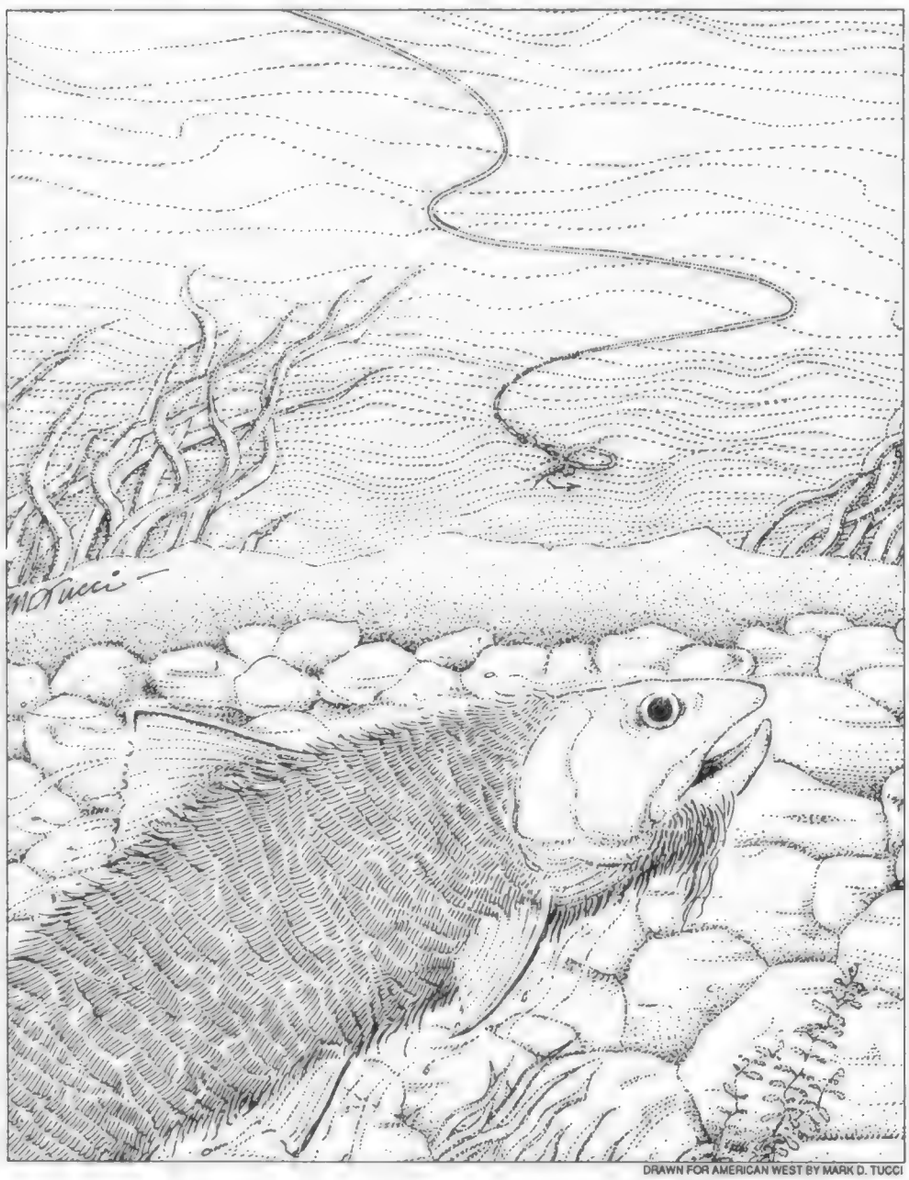
Camping with children can be a wonderful experience if their needs are carefully thought out ahead of time. One or two favorite toys will always be welcome and don't forget anything special, like a blanket or toy animal that your child is strongly attached to. Plan your child's meals according to your regular home routine; a camping trip is not a good time to try too many new things.

Infants and toddlers can stay safe in camp with a portable crib. The Fisher Price Travel Tender packs down to a convenient size and holds up well. A sleeping bag can be child size, or take an adult bag and fold the excess length under to serve as additional cushioning.

The desert is a wonderful place for curious children, but it also requires adult supervision. In camp at night, tell your children what the camp boundaries are and direct that they not stray further without an adult. The environment at their feet is a source of great fun and discovery with a little guidance and suggestion from an adult. Safety is just as important in the vehicles; rough roads require proper use of seat belts and car seats. Apply sunscreen to your children first thing in the morning and as needed during the day for protection from the desert sun.

Camping with other families is a lot of fun and can make a trip easier. We designated one dinner and one breakfast for each family to prepare; lunch was a free-for-all from the cooler. We talked several times before our trip to make sure we weren't needlessly duplicating gear and to remind everyone to bring lawn chairs—a must for relaxing in camp.

WESTERN CAMP TALES



DRAWN FOR AMERICAN WEST BY MARK D. TUCCI

Hair of the Fish

by Mike Blakely

Wilbur Foshay recognized a good public relations stunt when he saw one. In November of 1938 a fisherman from Pratt, Kansas, sent a brief directive to Foshay's office at the Salida, Colorado, Chamber of Commerce:

"Answer collect by Western Union if you have fur-bearing trout in Arkansas River there."

As secretary of the Chamber of Commerce, Foshay had heard stories of the Arkansas' hairy fishes before, but it took the letter from Kansas to set him off. He immediately went to work promoting the regional curiosity. He even found a local photographer who had concocted a convincing photo of the underwater wonder. Foshay sent a copy of the picture to the curious Kansas fisherman and then called the newspapers.

The Pueblo *Chieftain* picked up the story and decided to investigate further. It ran quotes from several "real old-timers" along the upper Arkansas who remembered seeing fur-bearing trout in large numbers years before. However, when it came to explaining the current scarcity of those trout, the old-timers could not agree.

"Narrow-Gauge Ned of Poncha Pass" told the *Chieftain* his pappy had once kept some fur-bearing trout over at the hot springs. But during several generations the steam ruined the fur, and the species finally left to seek cooler waters.

"Texas Creek Tess" said fox raisers had killed off the trout to keep them from cross-breeding with the foxes and corrupting the pure bloodlines that produced fine fur coats.

"Harrison Hickoryhead, the Gorgemore graybeard," said that eastern capitalists had trapped the trout into near extinction. "There's still some of 'em around if you know where to look, which I do, but I ain't tellin'," the *Chieftain* quoted him as saying.

The article in the *Chieftain* only encouraged Wilbur Foshay. He obtained a special license from the state game and fish commission allowing him to set a trap line for the pelted fish. The Alamosa *Courier* reported that Foshay's trappers managed to catch three muskrats but no fur-bearing trout.

The Lamar *Daily News* soon ran a story saying Wilbur Foshay had three mounted fur-bearing trout on display at his Chamber of Commerce office but added that the pelts looked suspiciously like muskrat skins. "They were splendid examples of taxidermy," the report said.

The *Daily News* then suggested that Arkansas River trout collected a fungus in the winter that many anglers had merely mistaken for fur. This claim was challenged by another fine news organ, however. The Elk Mountain *Pilot* had done some intense

research and finally published its own version of the origin of the species. According to the *Pilot,* the story began at Leadville, near the source of the Arkansas River, in 1877.

The silver boom erupted in Leadville that year, and miners streamed in from everywhere. That first winter, the only fare available was venison and fried potatoes. The miners ate so much of the stuff that venison tallow became caked in the roofs of their mouths. The tallow got so thick they couldn't taste their beverages. Since miners were voracious consumers of beverages, something had to be done.

Finally, a desperate pick-axe man wired a pile of pitch splinters to the top of his head and set it on fire. The heat from the blaze penetrated his skull and what little brains he had, and melted the tallow in the roof of his mouth so he could once again enjoy the flavors of his favorite drinks. Before long every miner in camp was using the same method. There was just one drawback. About ninety-seven percent of the men in Leadville went bald.

In the spring of 1878 a fellow from Kentucky arrived with a cure for baldness that he manufactured from potatoes. He found a perfect place to make his tonic near a small creek south of Leadville. One rainy evening the tonic maker was delivering four jugs of his remedy for baldness to Leadville. While crossing the creek on a foot log, he slipped on the rain-slick timber and dropped two of the jugs. They broke open on some rocks, and the hair tonic washed downstream into the Arkansas River.

Soon, fur-bearing trout were being caught by the creel. But the best fishing method differed from the standard rod-and-reel technique. According to the *Pilot,* the most successful anglers would "stick a red, white, and blue pole in the bank, put on a white coat, wave a copy of the *Police Gazette* in one hand and brandish a pair of scissors in the other, and yell, 'Next,' until they had the limit of these fine fur-bearing trout with full beards, etc. The trout would leap up onto the bank. . . ."

To prove the Arkansas indeed bore piscatorial pelts, Wilbur Foshay had done everything short of outright lying. He knew the newspapers would take over from there.

Mike Blakely *is a free-lance writer who publishes in a number of national magazines.*

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Deer of the American West

Hunting with a camera is the greatest sport of all

by Erwin A. Bauer

Photos by Erwin & Peggy Bauer

A bull elk blows into the chilly air during rutting season in Yellowstone Park. (Inset) *By her soft eyes and inviting manner, a female mule deer charms us all.*

ONE COOL GREEN MORNING LATE IN MAY, WHILE photographing the grosbeaks freeloading at our backyard bird feeder, I noticed a cow moose skulking mysteriously nearby in a thicket of aspen and serviceberry. Turning my attention in that direction, I soon spotted a second moose, this one a tiny, reddish brown calf trying to stand up on long, unsteady legs. Still wet, it obviously had been dropped only minutes before. Moose are common visitors on our property in northwestern Wyoming, as many as five at a time during the winter, but (as near as we know) this was the first to be born here.

During the next three days we watched (and occasionally photographed) the calf as it gained strength and confidence, then became able to follow its mother easily. Soon both cow and young vanished, probably to spend the summer in higher pastures of the Tetons. If all goes well, the calf will weigh over 400 pounds by the end of its first year and reach 1,000 pounds or so if it is male, over 800 pounds if female, when fully grown. These statistics qualify our moose as the largest members of the deer family living in the American West, or anywhere on earth.

Deer are found worldwide. But nowhere are there so many species of native deer as in the American West. These range in size from the smallest, the Coues deer—a miniature whitetail living along the Arizona-Mexico border, to the giant Alaska-Yukon race of moose. In between are elk; Shiras (or Wyoming) and Canadian moose; barren ground caribou; mule, black-tailed, and white-tailed deer of the Texas or western subspecies.

In addition to numbers of species, the abundance of deer thriving in the American West far exceeds deer populations anywhere else. Unlike too many other creatures, the future of deer is fairly bright.

Perhaps because they are good neighbors, I have special, warm feelings for moose. Some writers have described them as ugly or ungainly, or both. But beauty and ugliness are in the eye of the beholder. I see "my" moose not only as huge and impressive but as handsome and perfectly adapted survivors from the last ice age to the present. Any so-called ungainliness is deceptive.

Often pictured as lumbering awkwardly through the forest, a bull moose can also move silently, almost ghostlike, through the same timber without scraping an antler on anything. About that "ugly" visage—no handicap whatever, the long face and drooping muzzle enable a moose to browse selectively, delicately, on submerged vegetation while wading flank-deep in a bog or beaver pond. At the same time, with eyes and ears just above water, it can listen and watch for approaching danger. To me that nose is only utilitarian.

My backyard moose is *Alces alces shirasi,* the one familiar to Glacier, Yellowstone, and Grand Teton national park visitors. Its range extends from northern Utah and Colorado through the northern Rockies to southern Alberta. There its range overlaps that of *A. a. canadensis,* the Canadian moose, which roams across central and southern Canada from coast to coast. In Alaska and Yukon, a healthy, full-grown male of the subspecies *A. a. gigas* might stand seven feet at the shoulder and exceed a ton in weight.

These Alaskan bulls also bear the largest antlers grown by any animals living today. The most magnificent of their palmated racks will span more than six feet and weigh more than seventy-five pounds, grown anew year after year. This annual growing and shedding of antlers distinguishes members of the international deer family from all other ungulates or hooved mammals such as wild goats, cattle, sheep, and antelope. (These hooved animals grow horns, which are not shed annually and are of a substance called keratin, similar to the material of claws and nails.) With few exceptions, such as caribou in North America, only male deer sport antlers.

Among the recent and somewhat true moose stories we've heard is the one of a bull courting a cow during the October rut—right in the middle of a popular Wyoming picnic ground. For a couple of days until the honeymoon ended, the lovesick bull challenged and chased every group that tried to use the facility. It reportedly ran one picnicker up a tree while another sought the dubious safety of an outhouse.

NEXT IN SIZE TO MOOSE IS THE AMERICAN ELK OR wapiti, *Cervus canadensis,* which is believed to have originated in the Tien Shan Mountains of western China. From there some animals migrated westward to become the red deer of Russia and Europe. Others wandered south and evolved into the barasinghas of India. Those that trekked east crossed the now nonexistent Bering Land Bridge from Siberia into Alaska and eventually farther beyond. There is little doubt that elk were the most widespread native deer in the New World when Columbus arrived.

But the species was heavily hunted, and by the early 1800s, herds east of the Mississippi had all but vanished. Lewis and Clark did not mention wapiti until their expedition reached western Missouri. A top trophy of serious hunters, this deer survives principally in two areas of the continent today: the coastal mountains of the Pacific Northwest and (in greatest numbers) in most ranges of the Rocky Mountains from New Mexico to British Columbia and Alberta. This present range of elk currently coincides roughly with the

(Clockwise beginning top) ***The magnificent caribou is the great traveler of the Arctic and sub-Arctic regions and is the only deer in which both male and female have antlers. In the northern Rockies a bugling bull elk gives the distinctive call of its species. With gaze as soft as its velvety antlers, this blacktail deer roams the Oregon Coast Range.***

range of mule and black-tailed deer. Elk simply require wilderness, large tracts of it, and the northern Rockies contain the largest bloc of wild lands left in the lower forty-eight states.

Probably the most famous elk herd, as well as the easiest to see in winter, is that of Jackson Hole, Wyoming. Long before people began to move into the region in the 1900s, as many as 25,000 head may have passed through and wintered annually in the Hole. But ranching and the settlement of Jackson effectively cut off winter migrations south. Established in 1912, the National Elk Refuge saved the herd by containing it and feeding the animals overwinter. Now about 8,000 elk begin arriving in November, some from almost 100 miles away, to stay for about six months. The winter herd consists of about 20% bulls, 20% calves, and the rest cows. One of America's great wildlife experiences is to ride among this vast herd during the dead of winter on a horse-drawn sleigh.

The barren ground caribou (*Rangifer tarandus)* inhabit an eerie, treeless tundra ecosystem that spreads across most of northwestern Canada and Alaska. More than any other living creature, these deer give life and movement to a most remote part of our planet. Caribou travel over the tundra today much as they always have.

There are almost as many estimates of the modern caribou population as there are scientists tracking them. Probably between 400,000 and 500,000 exist on the tundra west of Canada's Mackenzie River, in Yukon and Alaska. Scattered small herds roam the northernmost Rockies and adjacent ranges of British Columbia. Except for these, the only caribou left in the American West are the twenty-five or so individuals still clinging to existence in extreme northern Idaho. By far the best place to see caribou now, easily and within good range, is along the single highway that winds through Denali National Park, in central Alaska.

Every caribou's life is one of constant movement, of travel with a mission. In spring the herds migrate en masse from wintering areas to Arctic mountains or high tundra where the next generation will be born. The trip is always a dangerous one because the heavy cows must trek hundreds of miles, tracked by wolves, through slush and screaming storms, swimming across swollen rivers choked with ice--all without veering from traditional trails that may be centuries old. It is the most dramatic migration that any species of deer is required to make.

THERE ARE FEW MORE SPLENDID SIGHTS THAN A MATURE buck in autumn just having shed the velvet from its antlers. I well recall one bitter December morning in southern Texas. All night long a savage northeast wind had scoured the dry brush country, rattling the sere vegetation and driving dust before it. At dawn the storm passed, and all was quiet. A powdering of snow covered the ground, and the temperature hovered at about twenty-five degrees, although it felt as cold as Arctic permafrost. Altogether it was a perfect morning for my wife Peggy and me to ambush a fine whitetail buck we knew must be in the area.

We drove our pickup to a concrete water tank where a broken-down windmill stood silhouetted against the dark heavens. There we packed cameras, a thermos of coffee, groundcloths, and our secret weapon into two backpacks. Next we followed a narrow game trail through mesquite and blackbrush. Even in the gloom of early morning the trail was familiar because we had explored it well several days before. Obviously this was a white-tailed deer trysting place, and we had hastily built a blind near the spot. Now we returned in hopes of photographing the buck or bucks that had been here not long before.

Peggy crawled inside the blind that was still intact despite the storm and set up a camera with a telephoto lens on a sturdy tripod. I found another place about fifty feet downwind where I could crouch, hidden in the center of a patch of prickly pear. I carefully sat to await the dawn.

Although I have been photographing big game since the 1940s, the thrill is as intense as ever. When the old adrenaline starts pumping, I forget about complaining muscles and scarcely notice the cold. So I sat tense, listening to the sounds of a new Texas day. Close by a coyote yipped. Farther away I heard the sounds of cattle. A pyrrhuloxia rattled around in the brush behind me. In slowest motion the sun finally began to bathe the landscape with a strange bronze glow. It was time for action.

Taking in hand my secret weapon, a pair of discarded deer antlers, I rattled and rubbed these together, trying to imitate the sound of two rival bucks sparring. No response. After a pause, I repeated the rattling. Now the adrenaline *really* began to pump. This time I heard a deer crunching through vegetation, coming in our direction.

I'll never forget what followed. One moment the scene was empty, but in the next second a large buck entered the clearing and stopped, puzzled, directly between Peggy and me. I knew she was photographing because the heavy animal with high antlers and swollen neck turned suddenly to face the sound of her camera's motor drive. But not for long. Very suspicious, the buck stamped a forefoot and "blew" before bounding crazily away.

To tell the truth, that encounter in La Salle County was more or less a typical one. It isn't any wonder that nationwide the swift and graceful whitetail is the most

(Clockwise beginning upper left) ***With Oklahoma sunshine polishing its glistening coat and antlers, a handsome bull whitetail turns a serene eye toward the intruder. Cool morning air among the Teton foothills turns the warm breath of this Wyoming moose into a mist that emphasizes its large muzzle. In their shaggy seasonal coats, bull elk engage in uneventful sparring on a winter range in the northern Rockies.***

elusive yet beloved of wild creatures. It is also the most challenging of all big game from a hunter's standpoint. Whitetails are found in every state but Alaska, as well as across southern Canada and most of Mexico. A creature of woodlands rather than open plains, it is gradually colonizing its way farther westward, following river drainages into places where it was never seen until recent decades.

Any whitetail's brain is smaller relative to body size and much smoother than a human brain, indicating that the whitetail is not too intelligent, a fact some hunters find hard to believe. But these animals react instantly, instinctively, and usually correctly to sudden danger. No matter how rapidly a whitetail runs, it can suddenly change direction without slowing, a maneuver you'd expect would shatter its seemingly fragile front legs. But the rugged anatomy of the species makes this and other acrobatics routine. For example, the whitetails' forelegs are not connected directly to the skeleton but are separated by a supertough, resistent cartilage that serves as a heavy-duty shock absorber. A delicate Bambi the whitetail is not. Whitetails are fleet afoot, are powerful leapers, have excellent hearing, a phenomenal sense of smell, and good eyesight, even in semidarkness. *Odocoileus virginianus* is simply a superb athlete and survivor.

THE WHITETAIL'S CLOSEST COUSINS, THE MULE AND black-tailed deer, may best deserve the title of *THE* Deer of the American West. All of the Western species mentioned earlier also lived elsewhere on this continent. Only the muleys and blacktails lived just in the vast region west of the hundredth meridian. The thin coastal strip from California to Alaska was home of the blacktail, which many biologists regard as a subspecies of the mule deer. Other taxonomists think that the opposite is nearer the truth. But no matter. Both, along with the whitetail, trace their lineage back to the same piglike, Pleistocene ancestor that was only two feet tall.

I have tramped widely over mule deer range in search of the animals, at first to trophy hunt, but during the past twenty years only to observe and photograph. So it has been easy to acquire immense respect for *Odocoileus hemionus*. The countless miles on foot and horseback have taken me to national parks and wilderness areas of the Rockies, all of which is traditional mule deer country. Yet after all the vagabonding, I saw the biggest mule buck of my life within walking distance of my home, along the hiking trail from White Grass Ranger Station to Phelps Lake in Grand Teton National Park. The hasty photos I made of this buck are proof that its antlers were nearly as big as an elk's.

In all vital statistics, mule deer surpass whitetails. Age for age, they average taller and heavier, and the males grow much more impressive antlers. They have much the larger ears, for which they are named. A consensus among the most experienced outdoorsmen who know both would probably suggest that mule deer are either less wary or have less keen senses than whitetails. But these comparisons have never been made scientifically.

Nor is it always easy to tell the two apart in those gradually expanding areas where their ranges overlap. If the deer you see has a pennant-shaped tail, brown on top and white underneath, ten to twelve inches long, which it raises and waves when alarmed or running, you've flushed a whitetail. By contrast, muleys have shorter ropelike tails, whitish with black tips, seldom raised even when frightened.

Mule deer are best and most easily observed very early and late in the day, or during the annual rut when there is considerable activity in the herds. In November it is not at all unusual to find bucks slashing at brush with shiny antlers, eagerly following does or dueling head to head with rival males. It's a very busy, sometimes dramatic time. We often see calendar paintings of a majestic mule buck standing amid a harem of females against a multicolored autumn background. But such depictions are misleading. Normally the rut takes place after all color has drained from the fall landscape. And unlike elk, mule deer do not gather harems. In fact you are far more likely to find several bucks attending one doe than vice versa.

Except that blacktails are more retiring and more prone to inhabit dense evergreen thickets, their habits, physiology, and life history are very similar to those of mule deer. I also believe that blacktails are wariest of all deer in the American West. At least they have always been the hardest to photograph well.

Speaking of photography—well, deer hunting with a camera is only the greatest sport of all, bar none. We never have to buy licenses, or draw special permits to hunt this way. There are no closed seasons. We can stalk fawns and calves as well as the biggest trophy males. There's no bag limit. Perhaps best of all, plenty of game exists wherever we happen to wander in the American West.

BIBLIOGRAPHIC NOTE

For detailed information about elk, see Olaus Murie's fascinating *The Elk of North America* (Harrisburg, Penn.: Stackpole Pub. Co., 1951). Also excellent is *Caribou and the Barren Lands* by George Calef (Toronto, Canada: Firefly Books, Ltd., 1981).

Erwin Bauer *is the author of* Deer in Their World *($30) and* Horned and Antlered Game *($32), both from Travel-Adventure-Outdoors, Box 543, Teton Village, Wyoming 83025. Price includes postage.*

Sleigh rides are available during the winter months at the National Elk Refuge, a few miles north of Jackson, Wyoming, seven days a week from 10:00 A.M. to 4:00 P.M. Each ride lasts about forty minutes. Prices are $5 for adults, $2.50 for children six to twelve years. Call 307/733-8084 for information.

WESTERN ART NOTES

COURTESY SHRINE TO MUSIC MUSEUM

SERPENT (with coat of arms) England, early 19th century

Shrine to Music Museum Celebrates South Dakota's Centennial Year

As part of South Dakota's Centennial Celebration, The Shrine to Music Museum in Vermillion has created a touring program *South Dakota Songbook* that is appearing in communities around the state. The program features a four-member ensemble that gives concerts of turn-of-the-century music characterizing the South Dakota experience. Selections range from bawdy songs to others that are tinged with great sadness. The Museum also plans a special one-night Centennial Concert by The Golden Age of Bands on May 5, in Vermillion. Authentic band and orchestral arrangements of overtures, fantasias, serenades, and marches will be played on original instruments from the Museum's Arne B. Larson Collection.

Founded in 1973, The Shrine to Music Museum & Center for Study of the History of Musical Instruments has accumulated a world-class collection of rare, antique musical instruments from all corners of the globe. Its ever-growing collections are among the most comprehensive anywhere. Housed on the University of South Dakota campus in a carefully restored Carnegie Library building, the Museum is open daily and is free to the public.

"New Visions from Rattlesnake Canyon" art exhibit will be showing May 27 through July 31 at the Witte Museum in San Antonio, Texas. The nine artists who are represented in the exhibit traveled as a group to Rattlesnake Cave and Rattlesnake Canyon in the Lower Pecos region of southwest Texas and recorded their feelings and impressions in various mediums.

Taos, New Mexico, famous as an art colony, now has a new art school. **The Taos Institute of Arts** will present its first classes in June 1989. Some of Taos's leading artists working closely with members of the business community have developed a program that begins with four month-long art courses—ceramics, painting, sculpture, and textiles/weaving—and a three-week writing course, all taught by noted figures in the Taos art community. For further information about the Taos Institute of Arts, write to Lawrence Houghteling, Program Director, P.O. Box 1389, Taos, NM 87571, or call (505)758-2793.

The new **Eiteljorg Museum of the American Indian and Western Art** in Indianapolis, Indiana, will officially open to the public on June 24. At the heart of the museum is the collection of Indianapolis businessman Harrison Eiteljorg. Assembled over the last four decades, his collection of Native American and Western American art and artifacts is considered among the finest in the country. (Note: The Museum of Indian Heritage in Indianapolis, has recently merged with the new Eiteljorg.)

"A Gallery Revived: North American Indian Paintings by George Catlin." The Whitney Gallery of Western Art at the Buffalo Bill Historical Center in Cody, Wyoming, is featuring an exhibition of fifty George Catlin paintings through May 31. The show re-creates a portion of Catlin's "Indian Gallery" depicting the Flathead, Pawnee, Sioux, Apache, and Mandan tribes of North America. The exhibition is organized by and on loan from the National Gallery of Art in Washington, D.C.

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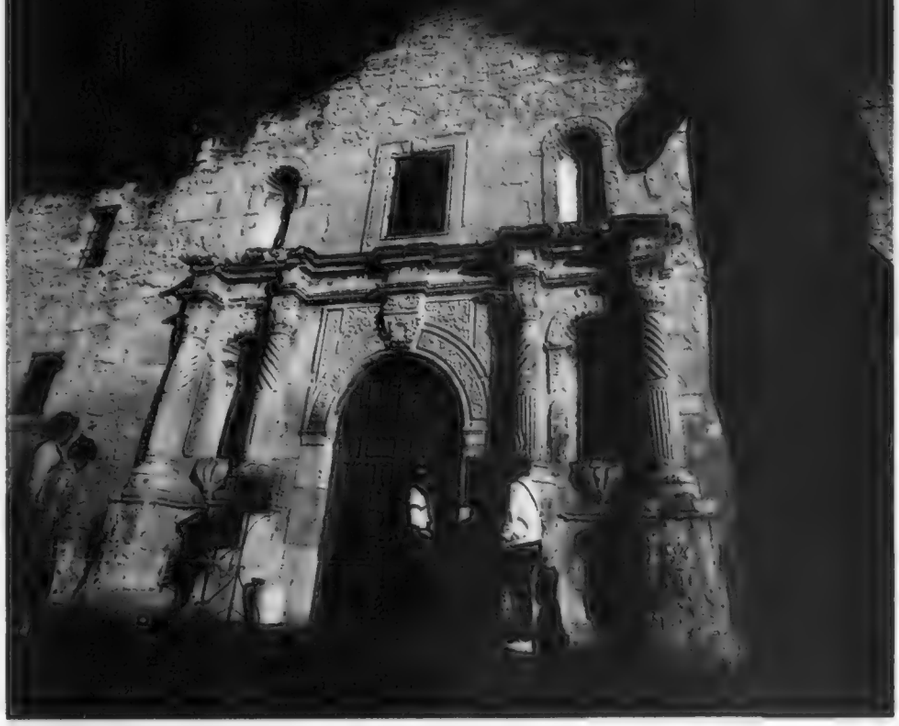

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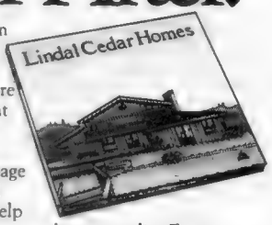

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PLACES TO STAY

PHOTO BY THE AUTHORS

Relive the Wild Days of Deadwood at the Franklin

by Francis L. & Roberta B. Fugate

Someone once told us, "If you find a house with rocking chairs on the front porch, the people who live there are worth talking to." We discovered that this works with hotels, too. The old Franklin Hotel in Deadwood, South Dakota, has a front porch with several rockers. After more than eighty years of service they have worn to a comfortable fit. And the people at the Franklin are well worth talking to.

When you walk past the rocking chairs under the columned portico and cross the mosaic tile floor of the lobby, you step back to the turn of the century. The ornate oak registration desk is topped with the same etched glass panels that were there when the hotel opened in 1903. After registering, you ride up to your floor in a vintage 1903 elevator with an operator.

Unlike many historic hotels, the Franklin has not been gutted and "restored" to an establishment that is more elegant than the original. Modern plastic and glitz are lacking; turn-of-the-century ambience has been preserved, and genuine comforts of the era have been retained. For example, you bathe immersed in a deep claw-footed tub. However, the original hair mattresses on the beds have been replaced with modern innersprings. If you enjoy the aura of a historical period as much as we do, the Franklin will get you at first sight.

We found the manager, Bill Walsh, in one of the rocking chairs on the front porch and learned about his love affair with the Franklin. On New Year's Eve in 1980 he was there at his wedding reception with his bride, Jo Roebuck-Pearson. Two days later he began negotiations to buy part-ownership of the hotel. Four months after that he was rolling up his sleeves to join the preservation effort. The heritage of the Franklin is a piece of Western Americana well worth preserving.

The hotel opened on June 4, 1903, reputed to be the only hostelry west of the Mississippi with electric lights, private bathrooms, an intercommunicating telephone system, and an elevator. It was named after Harris Franklin, part-owner and the richest man in town. Located close to the railroad station, it served the town well through good times and bad.

Over the years the Franklin accumulated a long roster of distinguished guests: Teddy Roosevelt, William Howard Taft, Andy Devine, Lawrence Welk, John Wayne, Pearl Buck, Buffalo Bill, Sir John Wedgwood, Babe Ruth, Faith Baldwin, Sid Grauman, and Laura LaPlante—to mention a few.

Today, many rooms are named after former occupants and decorated with appropriate historical memorabilia. The Duke stayed while filming *Stagecoach;* his room contains photographs and movie broadsides. Faith Baldwin left her mark

upon a corner room in which she wrote *That Man Is Mine*. Sir John Wedgwood's room is painted blue and, of course, contains a piece of his family's famous china. The Kennedy suite testifies that the Franklin was a favorite stopping place for Robert Kennedy's children when they vacationed in South Dakota.

The old hotel has seen high times. Deadwood Gulch started as a rambunctious gold camp in 1876. Miners came to scrabble nuggets and gold dust; gamblers vied to take their gold from them. Today Deadwood is still a working gold camp, with the Homestake Mine—the largest gold mine in the western hemisphere—as the nucleus, and it is still rambunctious. However, today's summer tourists provide more excitement than the miners. But you know you are in a mining community when there are annual contests in such events as hand mucking; jackleg drill; and load, haul, and dump operation. You can board an 1880-vintage steam train on the Deadwood Central Railroad for an excursion to the Homestake Mine.

From a rocking chair on the porch of the Franklin you can look down Main Street toward the saloon where Wild Bill Hickok took a seat in a poker game, the only time he ever sat with his back to the door. It was a fatal mistake. You can look up to the flag flying on Mount Moriah. That is the cemetery where Wild Bill Hickok is buried. Calamity Jane, the girl bullwhacker who carried a torch for Wild Bill, lies in an adjacent grave.

Deadwood has a full schedule of sights and entertainment for the summer visitor. Of course, you'll want to go up on Mount Moriah and see the cemetery, and you'll want to tour a gold mine. But you'll want to get back in time to attend a reenactment of the trial of Jack "Crooked Nose" McCall. He was the dastardly coward who shot Wild Bill Hickok in the back. (Calamity Jane called him a "dirty rat.")

From 1876 until 1949, Deadwood was a wide-open town with gaming tables sprinkled in establishments along Main Street. In 1949 legislation drove gambling behind closed doors. However, beginning this July, visitors can once again openly try their luck at poker and blackjack in true Western tradition. In November 1988 South Dakota voters approved a constitutional amendment to permit limited gambling in Deadwood under the provision that income from licenses and taxes be used for historic preservation and restoration. Each participating establishment will be allowed five card tables and ten slot machines.

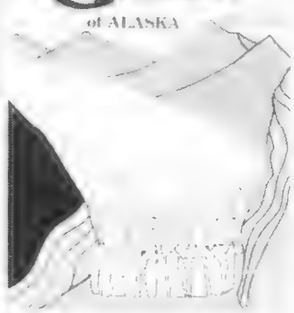
In the Franklin, the facilities will be located in Durty Nelly's, the convivial bar named after one of the oldest taverns in Ireland. "Strictly old Western flavor," said Manager Bill Walsh. "No chrome, no glitz." A few vintage slot machines have been dusted off for use in the lobby.

Practically all of downtown Deadwood, including the Franklin Hotel, is on the National Register of Historic Places. The Franklin is a prime base for seeing and participating in the Western high jinks that permeate Deadwood, particularly during the summer season.

Accommodations in the sixty-room hotel are $37 single and $40 double, with suites at $75. There are discounts for senior citizens.

For reservations: The Franklin Hotel, 700 Main Street, Deadwood, South Dakota 57732. Telephone: (605)578-2241.

Francis *and* **Roberta Fugate** *are inveterate travelers of the West.*



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NORTH DAKOTA AND SOUTH DAKOTA CENTENNIAL CALENDARS

This year marks one hundred years of statehood for North Dakota and South Dakota. Following is a partial listing of events in the Dakotas during this centennial year. To confirm dates and places and to learn about other activities, write or call the centennial office listed for each state.

NORTH DAKOTA

Centennial Commission
2204 East Broadway
Bismarck, ND 58501
701/224-2589

MAY

14: Founders Day, Dickinson and New Rockford.
17: Dedication of the Custer Home, Ft. Abraham Lincoln Park, Mandan.
26–Jun. 4: A Century of Quilts, Dickinson (travels statewide).
27&28: Dakota Cowboy Poets Gathering, Medora.
27–Sept. 4: Lewis & Clark Trail Museum Displays, Alexander.

JUNE

2: Lewis & Clark Adventures with Marionettes, Elgin.
2–4: Centennial Museum and Library Grand Opening, Bowdon.
9&10: Int'l Old Time Fiddlers Contest, Peace Garden in Dunseith.
10&11: Badlands Music Festival, Medora.
11–18: Fort Union Trading Post Rendezvous, Williston.
16–18: North Dakota Championship Horse Show, Rugby.
16–18: Riverboat Days and Centennial Photography Show, Washburn.
24&25: Early Bird Walleye Derby, New Town.
27–Jul. 1: Bike Across North Dakota, Beach to Fargo.

JULY

1&2: Ukrainian Festival, Medora.
1–4: Dakota Centennial Folklife Festival, Capitol Grounds, Bismarck.
1–4: Roughrider Days, Dickinson.
2: Ice Cream Social with Old Time Music, Eielson Museum in Hatton.
15&16: Riverboat Days, Grand Forks.
21–23: North American Regatta, sailing on Lake Sakakawea.
21–29: State Fair, Minot.
22&23: Dakota Territory Centennial Air Show, Minot.

AUGUST

7: Champions Ride Rodeo, Sentinel Butte.
10–13: AACA National Antique Auto Show, UND, Grand Forks.
19&20: Pioneer Days, Bonanzaville, USA, in West Fargo.

SEPTEMBER

2: Native American Fall Festival & Cavalry Demonstration, Monango.
7–10: United Tribes Powwow and Miss Indian America Pageant, Bismarck.
8–17: Folkfest and Gitchee Gumi Innertube Race, Bismarck.
9&10: Threshing Demonstrations at Fort Ransom State Park (Living History Museum), Fort Ransom.
30–Oct. 2: Buffalo Days, Jamestown.

OCTOBER

1–30: ND Centennial Juried Art Exhibition, Williston.
7&8: Centennial Celebration and Threshing Bee, Makoti.
11–14: Norsk Hostfest Fall Festival, All Seasons Arena, Minot.
30–Nov. 22: National Association of Women Artists Traveling Painting Exhibit, Dickinson.

NOVEMBER

2: Statehood Day, Bismarck and throughout North Dakota.

SOUTH DAKOTA

Centennial Office
State Capitol Bldg.
500 E. Capitol Avenue
Pierre, SD 57501
(605)773-4036.

MAY

5&6: SD State Centennial Square Dance, Pierre.
6&7: Walleye Fishing Tournament, Chamberlain.
13&14: Black Hills Balloon Rally, Sturgis.
20: Lake Mitchell Barbershop Chorus Show, Mitchell.

JUNE

2–4: Ft. Sisseton Celebration and Pony Express Ride, Ft. Sisseton.
3&4: Badlands 50th Anniversary, Cedar Pass.
4–Aug. 27: Black Hills Passion Play, Spearfish.
9&10: South Dakota Coin & Stamp Convention, Aberdeen.
10&11: Centennial Trail Dedication, Black Hills.
16&17: Czech Days, Tabor.
23: Midsummer Festival, Centerville.
23–25: Dakotas Traditional Folk Arts Festival, Sioux Falls.
24&25, Jul. 1&2, 8&9: Laura Ingalls Wilder Pageant, De Smet.

JULY

1–9: Centennial Rendezvous, Pierre.
2–4: Sitting Bull Stampede Rodeo, Mobridge. Top rodeo competitors.
4: Polka Festival, Menno.
4–10: Jesse James Players, Devil's Gulch, Garretson. Outdoor production.
7–9: Black Hills Powwow & Art Exposition, Rapid City.
16: South Dakota State Chili Cook-Off, White.
19–Aug. 1: World Horseshoe Tournament, Spearfish.
22&23: Lake Oahe Salmon Tournament, Pierre.
28–31: Gold Discovery Days, Custer.

AUGUST

4–6: Days of '76, Deadwood.
11–13: Trainfest, Milbank.
12&13: Volksmarch, Spearfish.
18–20: Steam and Gas Threshing Bee, Sturgis.
18–20: Riverboat Days, Yankton.
29–Sep. 4: State Fair, Huron.

SEPTEMBER

8–10: SD Centennial History Fair, Rapid City.
9: Black Hills Sawdust Day, Spearfish.
9–17: Centennial Corn Palace Festival and Polka Festival, Mitchell.
22–24: Northern Plains Tribal Arts '89, Aberdeen.

OCTOBER

15: Buffalo Supper, Gary.
21&22: National Hand Cornhusking Championship, Brandon.
27–29: Octoberfest, Parkston.

NOVEMBER

2: Statehood Day, Watertown.
3&4: Centennial Ball/Arts Showcase, Pierre.

AMERICAN WEST — PENTAX — KODAK

THE WINNERS

CELEBRATE THE WEST 1988 PHOTO CONTEST

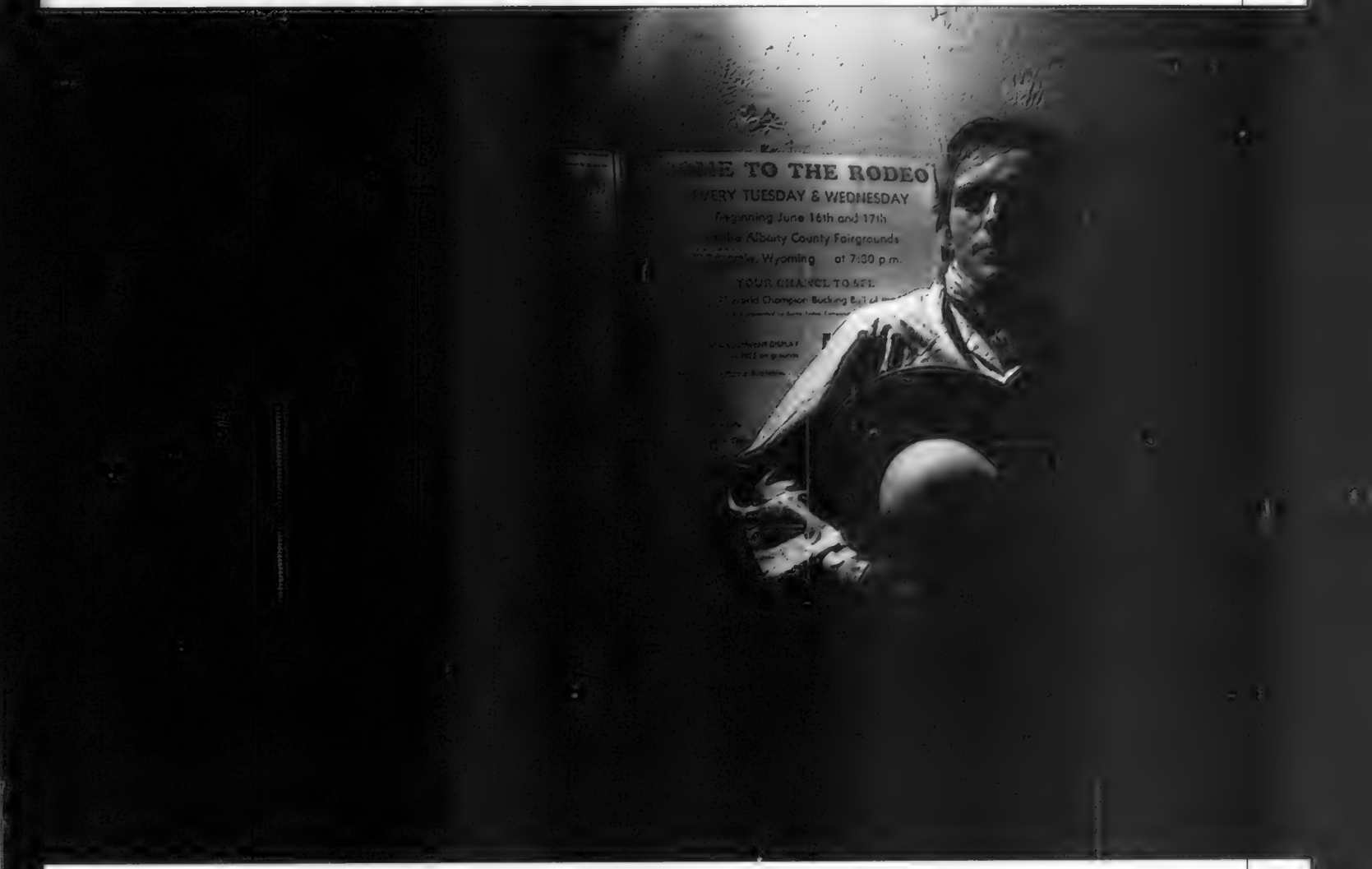
Our judges have selected J. C. Leacock's photograph "Wild Willy" as the grand prize winner in our 1988 Celebrate the West Photo Contest.

A free-lance photographer who lives in Boulder, Colorado, J. C. Leacock worked without a tripod to catch this winning shot. Balancing the camera in his hands, he set the shutter speed at 1/8th of a second to get just the right interpretation of the scene.

Sherman Johnson happily posed for the nighttime picture at the weekly summer rodeo in Steamboat Springs, Colorado. Johnson follows the rodeo circuit around the country.

This year's contest judges are Arthur F. Nolan, Marketing/ Communications Manager for the PENTAX Corporation; Thomas W. Pew, Jr., Editor-in-Chief of AMERICAN WEST magazine; and G. Reid Helms, Production Manager of AMERICAN WEST, who is a professional photographer. AMERICAN WEST, PENTAX, and KODAK wish to thank everyone who participated in our 1988 photo contest.

Over 600 photos were entered in our 1988 AMERICAN WEST — PENTAX — KODAK Photo Contest. Of the total entries, 77 were selected for the semifinal round.



Grand Prize

J. C. Leacock, Boulder, Colorado. Leacock used a Nikon F3 camera with a 24mm lens and Fuji 50 film (pushed to 100) to catch a glimmer of the romanticism of rodeo in the American West.

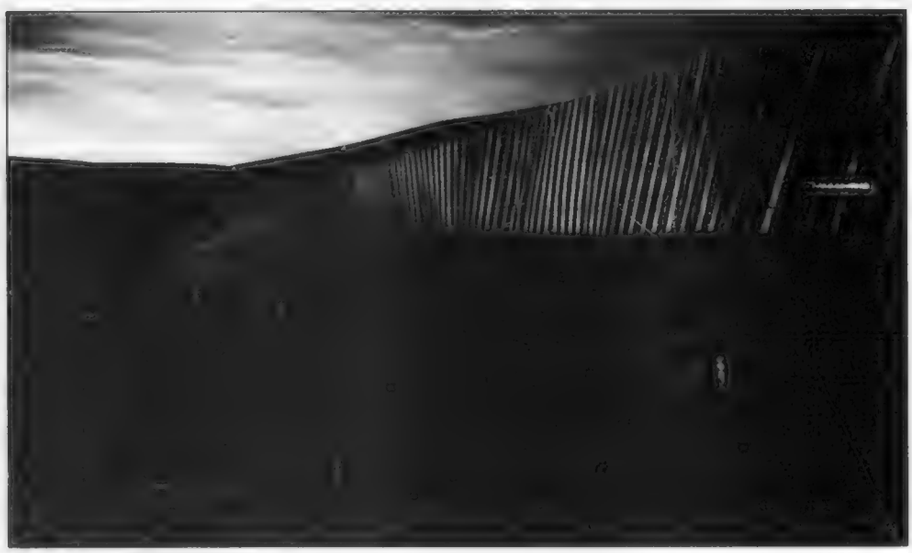
As Grand Prize Winner of our 1988 photo contest, J. C. Leacock receives a PENTAX 645 camera and accessories valued at $2,500.

First Prize

Bob Bruce, Portland, Oregon, receives $1,000 worth of KODAK film. The symmetrical beauty of old, abandoned buildings in the ghost town of Blitzen, Oregon, is shown in this black-and-white winner. Bruce used KODAK Plus-X Professional film in his Yashica D Twin-Lens Reflex camera with a yellow filter.

Second Prize

Paul T. Ng, Rock Springs, Wyoming, receives a PENTAX IQ Zoom camera valued at $385. The force of the wind in the BLM preserve northeast of Rock Springs, Wyoming, causes a fluid pattern in the sand. The wavelike ripples were captured by Ng with a Leica R-4 camera eqiupped with a 35mm Leitz Summicron lens and KODAK T-Max 100 film. Ng used selenium toning to define further the dramatic shading.



Third Prize

Mel Wallace, Columbia, California, is a $100 cash prize winner. Wallace raced down a steep bank to snap an early morning wistful look at the "Last Columbia Cattle Drive" after nearby grazing lands were sold to mining interests. Wallace's camera was a Yashica FX3 with KODAK 1000 ASA film. Exposure time was 1/30th of a second.

Fourth Prize

Pat Watts, San Francisco, California, is a $100 cash prize winner. The remarkable architecture of the old and the new in the City by the Bay appears clean and fresh after a late afternoon rain. Watts used Kodacolor 100 film in her Nikon Photomic F2 camera.

Watch for the announcement of our

1989

AMERICAN WEST — PENTAX

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TRAVEL NOTES

COURTESY FOUNDATION FOR FIELD RESEARCH

COLUMBIA RIVER ARCHEOLOGICAL DIG

COLUMBIA RIVER ARCHEOLOGICAL DIG. The Foundation for Field Research is taking volunteers to the site of the old Fort Vancouver dock where Hudson's Bay Company artifacts are buried in river-bottom silt. Divers will search for and collect goods that were accidentally dropped into the water a century ago. Non-divers will attend to the tagging, logging in, and protection of the recovered pieces.

Participants will live dormitory-style in a nearby house. Three sessions (two, four, and eight days) are offered in June and July. Volunteers are asked to make contributions from $125 to $390 for non-divers and $225 to $510 for divers. Write Foundation for Field Research, 787 South Grade Road, P.O. Box 2010, Alpine, California 92001 or call (619)445-9264.

JOURNEY INTO THE PAST among Indian tribes in Oklahoma for seven days and learn about the present. Anthropologist and author Robert Vetter, and Robert Fields, a Pawnee Indian and anthropology instructor, will take a group to meet tribal elders and join in tribal activities. Two trips are offered: May 3–10 and July 18–25. The cost is $695 per person. For information, write Robert Vetter, Box 929, Westhampton Beach, New York 11978 or call (516)878-8655.

BACKPACK "THE NEEDLES" IN CANYONLANDS NATIONAL PARK in southeastern Utah. A naturalist guide from Canyonlands Field Institute leads the way as novice and experienced backpackers hike for four days among red-and-tan banded spires, fins, and gnome-like mounds, and along canyons cut into the Cedar Mesa Sandstone. The twenty-five-mile trek highlights Colorado Plateau geology along with plant and animal adaptations to desert life. The cost is $190 per person, with departures May 22 and September 17. Write to Canyonlands Field Institute, P.O. Box 68, Moab, Utah 84532 or call (801)259-7750.

SEA KAYAK the inlets and blue-ice fjords of Glacier Bay, Alaska, among the seals, puffins, and icebergs. Experience is not a prerequisite to paddling the two-person kayaks. Camp is made at a different location each night, providing opportunities to see mountain goats, eagles, coyotes, and bears. The excursions begin and end in Juneau. Sobek Expeditions has seven-day ($850, plus air charter) and four-day ($550, plus air charter) trips in June, July, and August. For information write Sobek Expeditions, Inc., P.O. Box 1089, Angels Camp, California 95222 or call (209)736-4524.

SALTWATER FISHING ON LANGARA ISLAND, CANADA. Salmon, halibut, lingcod, and snapper await fishermen in the waters off one of British Columbia's northernmost islands. Anglers have seventeen hours of daylight during midsummer to test their skills. The season opens in May, and most lodges operate through September with three-, four-, and seven-day packages available. For information about this and other saltwater fishing along British Columbia's coast, including advice on bait and gear, accommodations, and transportation, write Ministry of Tourism and Provincial Secretary, P.O. Box C-34971, Seattle, Washington 98124-1971 or call 1-800-663-6000.

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Doubletree, Phoenix
Elkhorn Ranch, Inc., Tucson
Flying E Ranch, Wickenburg
Hacienda Del Sol, Tucson
Hassayampa Inn, Prescott
Kay El Bar Guest Ranch, Wickenburg
L'Auberge de Sedona, Sedona

A7 **Little America,** Flagstaff
4-diamond hotel. Easy driving to Grand Canyon, Indian ruins, red rocks, and more!
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The Orchards, Sedona
Paradise Valley, Scottsdale
Poco Diablo, Sedona
Rancho de los Caballeros, Wickenburg
Stouffer Cottonwoods Resort, Scottsdale
Tucson Doubletree Hotel, Tucson
Tucson National Resort & Spa, Tucson
Westcourt in the Buttes, Tempe
Westward Look Resort, Tucson

A18 **Wickenburg Inn Tennis & Guest Ranch,** Wickenburg
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The Wigwam Inn, Inc., Litchfield

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Gene Autry Hotel, Palm Springs
Griswold's Hotel, Claremont
Half Moon Bay Lodge, Half Moon Bay
Hotel Durant, Berkeley
Hunewill Circle H, Bridgeport
Industry Hills Sheraton Resort, City of Industry
La Playa Hotel, Carmel
Le Meridien, San Francisco
Montecito Inn, Santa Barbara
Piccadilly Inn Shaw, Fresno
Piccadilly Inn Airport, Fresno
Piccadilly Inn University, Fresno
Rankin Ranch, Caliente
San Luis Bay Inn, Avila Beach
The Shaw House Inn, Ferndale
Sheraton Royal Scandinavian, Solvang
Sheraton Sunnyvale Hotel, Sunnyvale
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Toll House Inn, Boonville
Tree House Inn, Mt. Shasta
White Sulphur Springs Ranch, Clio

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Elk Mountain Ranch, Buena Vista
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Gage Hotel, Marathon
Green Oaks Inn & Conference, Ft. Worth
Hotel Galvez, Galveston Island
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WAGON TRAIN TRIPS. Ride the Oregon, Mormon, and Pony Express trails in an authentic covered wagon. Trails West, South Pass City, WY 82520. (800)327-4052.

WORKING RANCH ADVENTURE: May–October, Montana-Wyoming—roping, branding, cattle drives. Ranch cooked meals, trained cow horses. All invited. Call for brochure (307)548-6688. Schively Ranch, 1062 Road 15, Lovell, Wyoming 82431.

WYOMING HORSEBACK VACATION. Pack-in cabins, fishing, photography. Wade's Piney Creek Outfitting. SR #1, 140A-AW, Lusk, Wyoming 82225. (307)334-2581.

4- to 6-day white-water raft trips on the Salmon, Middle Fork, and Snake Rivers. 1- to 3-day trips on the Salmon River. Contact: Idaho Adventures, Box 834-WE, Salmon, Idaho 83467. (208)756-2986. Outfitting since 1970.

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WHITEWATER RAFT THE GRAND CANYON

We offer a unique opportunity for exploration, learning, and pleasure. Your rafting adventure with our experienced guides includes hiking side canyons, fishing for blue ribbon trout, relaxing within the majestic Canyon walls, campfire camaraderie, and excellent food. Our oar/paddle trips range from 6-16 days. Discounts available. Please call or write for information.

CANYON EXPLORATIONS
P.O. BOX 310
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An authorized concessioner of the National Park Service.

Cast from original antler carvings by Don Burda.

"Prairie Medicine" Belt Buckle. Edition of 50.
Buffalo Skull Bolo Tie. Edition of 100.
Cast from original antler carvings by Don Burda.
Available in bronze, sterling silver and 24K gold plate.

Contact: **High Country Arts**

120 Flounce Rock Road
Prospect, OR 97536
503-560-3388

"Prairie Medicine" Belt Buckle. Edition of 50. Bronze $100.00, sterling silver $400.00, or sterling silver & 24K gold plate $440.00. Buffalo Skull Bolo Tie. Edition of 100. Bronze $90.00, sterling silver $200.00 or sterling silver & 24K gold plate $240.00.

Ruger

North Americans

A LIMITED EDITION OF WILDLIFE ART PRINTS

A highly collectible art project. Top wildlife artists are contracted to paint the 21 most popular big game animals in North America. Limited edition (950) sets of prints of the highest quality are produced from these paintings, all numbered and signed by the artists.

Subscriptions to all 21 prints in the series are still available. It is recommended that collectors and investors quickly purchase one or more numbers (sets) before it's too late.

Complete sets of all animals, all with the same serial number, will be much more valuable in the future. A few broken sets exist, whereby individual prints of certain animals are available. Average prices for other prints by the various artists can range between $200 and $400. Each North American print is *only* $95. New subscribers have the option of buying all current prints at one time, or on a monthly basis until they have acquired all the prints published to date (as of September 1988, 14 different animals were available).

Leon Parson

Gary Swanson

Prices on the secondary market, when all 21 prints are completed and sold out, are expected to climb accordingly. Prints are 18½" x 24", image size 14" x 20". Write or call for more information, and ask us about our prepayment discount.

Artists in this series:

Gary Swanson		Greg Beecham
Lee Cable		Leon Parson
Dave Wade		Tom Beecham
Larry Wolfe		Dan Metz
Gary Moss		Paul Bosman
Michael Sieve	*and more!*	Bob Kuhn

Wolfe Publishing Company

6471 Airpark Drive (602) 445-7810 Prescott, AZ 86301

Dealer prices available upon request

WESTERN SNAPSHOTS YESTERDAY

Homesteading on the Colorado prairie in 1916, Frank Carnes stirs a batch of homemade soap. Carnes had butchered a hog and cooked the fat down in order to get the lard for soap-making. A can of lye used in the soap and a bucket of cracklings sit on the butcher table by the tip-board. The fire under the pot is fed with corncobs from the nearby wagon.

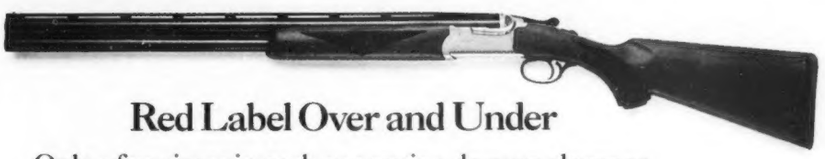
Although he was a bachelor when he moved from Cortland, Nebraska, to northeastern Colorado near Haxtun, Carnes was already making preparations to be wed in the spring of 1918. His bride-to-be and her parents would soon be moving to Colorado.

Mrs. Wilbur Kipp of Haxtun, Colorado, Frank Carnes' daughter, sent us this picture. Mrs. Kipp says she well remembers watching her Dad make soap.

AMERICAN WEST offers twenty-five dollars to any reader whose Western Snapshot Yesterday is accepted for publication on this page. We seek old photographs that tell stories of bygone times. We'll take good care of your pictures and return them promptly. Be sure to pack the snapshots carefully and enclose a stamped, self-addressed envelope. Send submissions to AMERICAN WEST, Western Snapshots Yesterday, 7000 E. Tanque Verde Rd., Suite 30, Tucson, Arizona 85715.

Ruger

An Engineering Masterpiece that Performs as Beautifully as It Looks



Red Label Over and Under

Only a few times in each generation do pure elegance and ultimate function meet as they do in Ruger's Red Label Over and Under Shotgun. In the field, or up against the tough competition of modern sporting clays, discriminating shooters have discovered this singular American-made triumph of engineering, performance and style.

STURM, RUGER & Company, Inc.

77 Lacey Place, Southport, Connecticut 06490

Free instruction manuals for all Ruger firearms available upon request.

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WOULD A FLASH CAPTURE THIS MOMENT OR RUIN IT?

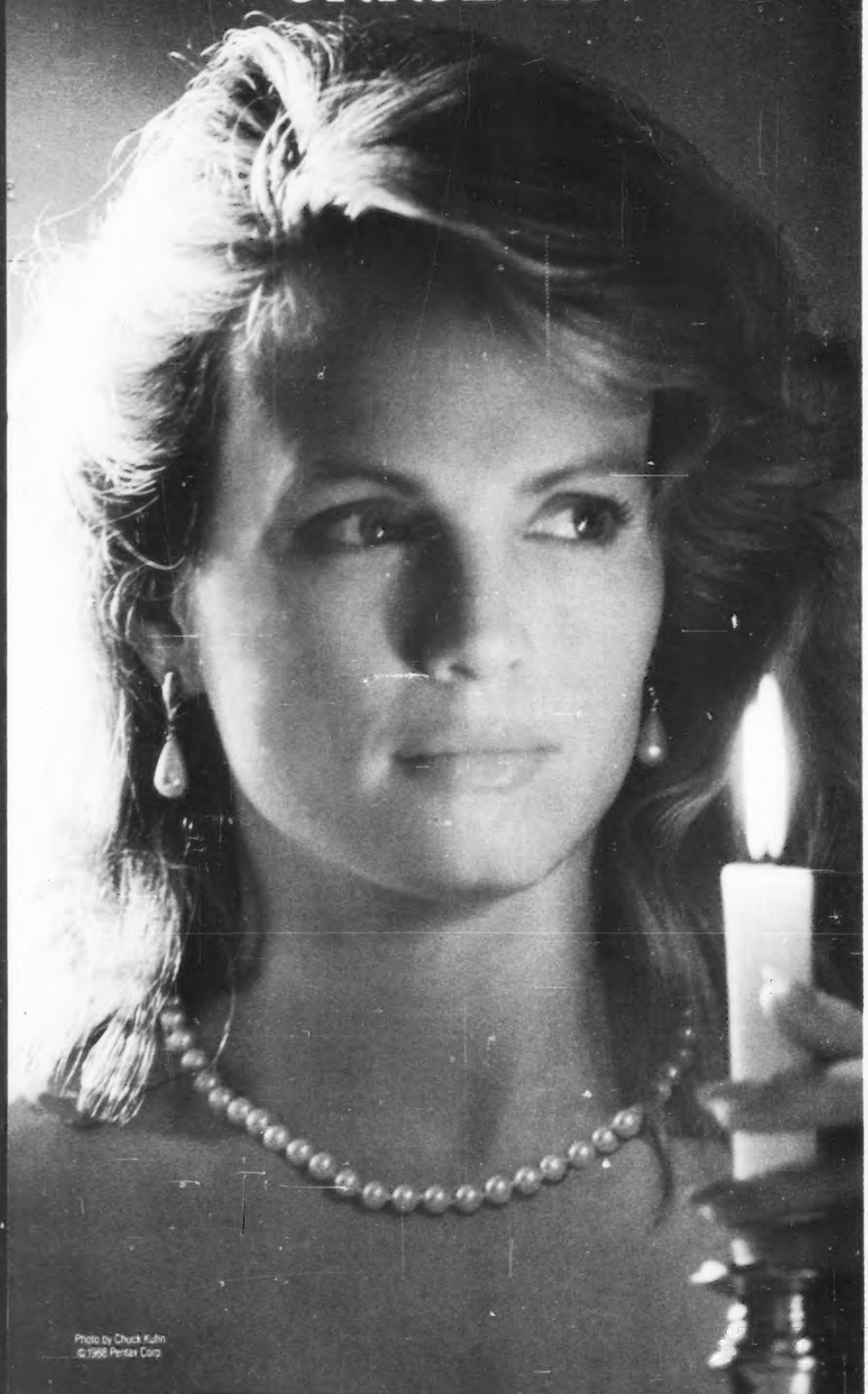


Photo by Chuck Kuhn
©1988 Pentax Corp.

The truth is, either approach would yield interesting results.

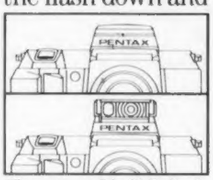
A flash would define facial features and allow a faster shutter speed.

Shooting without would preserve the subtleties of skin tone and mood.

Fortunately, one Autofocus Program SLR line with a built-in flash leaves the choice of exposure up to you. The Pentax SF1 and new SF10.

THE FASTEST AUTOFOCUS
THE FIRST RETRACTABLE
TTL FLASH.

Choose your shot, and a built-in AF spotbeam and unique "SAFOX" optical system focus and calculate exposure in .03 of a second. You then decide to shoot with the self-adjusting TTL flash or, to flip the flash down and shoot without—and both SF's will automatically compensate for F-stop and shutter speed.



The retractable TTL flash and AF spotbeam lets you shoot day or night.

THE CHOICE IS YOURS.

Now, with two Pentax SF cameras, you have even more options.

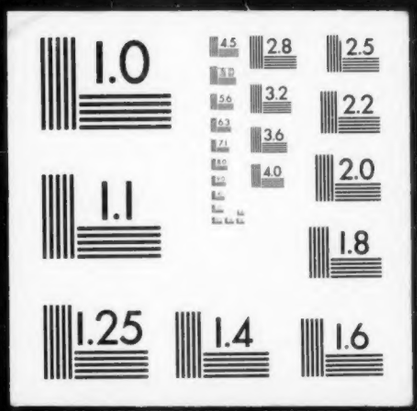
For the most technologically advanced program and manual operation made, choose the SF1 and its 9 exposure modes, 3 autofocus options and built-in motor drive. It's no wonder the SF1 was chosen the top rated auto focus SLR of 1988.

Or, for a more simplified introduction into advanced low light photography choose the new easy-to-use SF10.

Did we shoot with the SF's flash or did we shoot without it? Ask your Pentax dealer.

For best results use Kodacolor Gold.

PENTAX SF1 SF10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